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FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION DOCUMENTS

Section: 20



Federal Bureau of Investigation

FEDERAL BUREAU OF INVESTIGATION
FOIPA
DELETED PAGE INFORMATION SHEET

Serial Description ~ COVER SHEET

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FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE

Date: 10/29/1999

To: Laboratory

Attn: Mr. McDevitt, QTERF
Mr. [redacted] QTERF (Enc.)
Mr. [redacted] QTERF (Enc.)
Mr. [redacted] QTERF (Enc.)
Mrs. [redacted] QTERF (Enc.)

From: Laboratory

Electronic Surveillance Technology Section/Operations
Support Tracking Office
Contact: [redacted] (703) [redacted]

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Approved By:

[redacted] *DMR/Plas*
EF/Plas
McDevitt Michael *JMS/Plas*
[redacted] *WS*

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Drafted By:

[redacted] :alm *alm*

Case ID #: 268-HQ-1217551-5
268-HQ-1001725-79

Title: OPERATIONAL SUPPORT TRACKING OFFICE (OSTO)
PROJECT OMNIVORE
PROJECT REDHOOK
PHASE FIVE REVIEW REPORT

Synopsis: Projects OMNIVORE and REDHOOK Phase Five Review was held on 10/21/1999 at the Engineering Research Facility. The results, conclusions and recommendations from these reviews are captured in the attached Project OMNIVORE and Project REDHOOK Phase Five Review Report, dated 10/21/1999.

Enclosure(s): Projects OMNIVORE and REDHOOK Phase Review Report dated 10/21/1999.

Details: The Phase Five Review for Projects OMNIVORE and REDHOOK was held at the Engineering Research Facility on 10/21/1999. [redacted] Project Leader, Data Intercept Technology Unit, provided an overview and status of current activities for Projects OMNIVORE and REDHOOK. Key decisions from these presentations are captured within the referenced enclosure.

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PROJECT REDHOOK

PHASE REVIEW REPORT

Phase 5

Project File # 268-HQ-1001725

October 21, 1999

Data Intercept Technology Unit
(DITU)

Electronic Surveillance Technology Section
(ESTS)

* * * FOR OFFICIAL USE ONLY * * *

File Number 268-HQ-1001725

10/21/99

1.0 INTRODUCTION

1.1 PURPOSE

This Project REDHOOK Phase 5 Review Report summarizes the accomplishments, key issues and decisions, and performance over the life cycle of the project.

1.2 SCOPE AND OBJECTIVES

The REDHOOK project began in November 1991, to develop an ISDN intercept system. In January 1998, the Project Summary Report for REDHOOK indicated this initial development had an actual cumulative cost of \$13,610,000 over the 83 month period. In February 1998, the initial development work ended and a smaller (18 month - \$700,000) project of developing a lower cost system (PC-PDU) was defined. Although the overall REDHOOK development has ended, this smaller REDHOOK project is what is described in the REDHOOK Project Closeout Report and Phase 5 Review.

The scope of the Phase 5 Review covered the activities and control products completed during Project REDHOOK. The specific Phase Review objectives were to:

- a. Provide ESTS management with an overview of Project REDHOOK highlights
- b. Review project results (activities, products, performance)
- c. Identify/provide direction regarding outstanding issues
- d. Establish ESTS management direction for follow-on efforts, if applicable
- e. Authorize close-out of project activities.

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2.0 PROJECT CONTROL PRODUCT DISPOSITION

The following Project REDHOOK control products were prepared and approved during the project's period of performance.

Document Title	Author	Date Prepared	Disposition
Statement of Need (SON)	Project Leader	February 1, 1997	Approved 2/97
Internal Concept Proposal (ICP)	Project Leader	July 4, 1997	Approved 7/97
Test Plan/Procedures	Development Contractor	October 1998	Accepted 10/98
Technical Manuals	Development Contractor	October 1998	Accepted 10/98
Acceptance Test Report	Development Contractor	November 1998	Accepted 11/98
Project Progress Summary Reports	Project Leader	Bi-Monthly	N/A
Project Closeout Report	Project Leader	October 1999	Approved 10/99

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3.0 PHASE REVIEW SUMMARY

The Phase 5 Review of Project REDHOOK was conducted on October 21, 1999 with the following people in attendance:

- Michael McDevitt (ESTS Section Chief)
- [redacted] (EST-4 Unit Chief)
- [redacted] (Project Leader)
- [redacted] (OSTO Manager)
- [redacted] (OSTO Program Analyst)
- [redacted] (OSTO Support Staff).

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The review was moderated by [redacted] OSTO Program Analyst, and chaired by Mr. McDevitt, ESTS Section Chief. Following opening remarks by [redacted] presented the project's highlights, including specific project accomplishments and cost/schedule performance results, followed.

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As presented by [redacted] the overall goal of the REDHOOK project was to develop an integrated services digital network (ISDN) intercept system capable of supporting lawfully authorized voice, data, dual voice, voice and data, bonded data, and multi-line service for both Title III and Title 50 cases. Pen Register mode was also to be supported.

Actual work was initiated in February 1998 and a design review was conducted in April 1998. The RedHook design includes a serial bridge that is remotely controlled to tap the subscriber's telephone line, a PDU for bridge control, and a user workstation to store and present user voice/data to the monitoring agent. It captures ISDN traffic while remaining fully compliant with Title III requirements for minimization. Prototype delivery and test occurred in October 1998, with final acceptance of the RedHook system in November 1998.

[redacted] noted that although the development effort went well overall, future collection systems of this variety should be designed to capture and break-out only the first three layers of the OSI model. This will lead to a much more modular solution. Soliciting field requirements without managing the implementation of those requirements can "balloon" costs and schedules unnecessarily and cause the end product to be far more complex than originally intended. In the case of RedHook the end product does much more than mere collection. The recommendation was to develop modular collection systems quickly and get them out to the field sooner and add enhancements over time.

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3.1 PROJECT OBJECTIVES

The technical objectives of Project REDHOOK were to develop an ISDN system capable of capturing:

- Voice traffic
- Data traffic on the B Channels
- Both Voice and Data Traffic
- Multi-line ISDN.

The management objectives of Project REDHOOK were as follows:

- Prepare and approve Statement of Need
- Propose a viable project concept
- Design and develop an effective REDHOOK system
- Perform formal test and evaluation on the system
- Determine whether follow-on development is warranted
- Successfully closeout the project, on-time/on-budget.

3.2 ACTIVITIES ACCOMPLISHED

The following key activities were accomplished over the course of the REDHOOK Project:

- Statement of Need prepared [2/97]
- Internal Concept Proposal prepared [7/97]
- Development activities, test and evaluation successfully completed, prototypes delivered [10/98]
- Operational Readiness Review conducted/reported [2/99]
- Development project was completed on budget with
- Project Closeout Report prepared/approved by UC [7/99]
- Phase 5 Review successfully conducted [10/21/99].

3.3 KEY ISSUES/DECISIONS

Key Issues

The following key issue was identified and discussed as part of the Phase 5 Review:

- System Simplicity/Modularity - in the future similar collection systems should be designed to capture and break-out only the first three layers of the OSI model which will a much more rapid, modular system solution.

Key Decisions

The following key decisions were made during REDHOOK project life-cycle or in conjunction with the Phase 5 Review:

- REDHOOK Migration from VME to PC - it was decided by EST-4 management to migrate the REDHOOK platform from the more expensive VME architecture to the PC-based environment once the PC technology became fast enough to satisfy the collection requirements.
- Changing Contract Team Personnel - it was decided to change contract team personnel during course of the project once performance began to "stagnate" - the younger replacement team functioned very well and improved overall performance on the job.
- Project Closeout - the closeout of Project REDHOOK was approved by ESTS Section Chief.

4.0 PERFORMANCE

4.1. COST PERFORMANCE (BUDGET VERSUS ACTUAL)

The contract for Project REDHOOK was administered by Mr. [REDACTED]. The key total planned and actual cost figures are as follows:

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Total Original Planned Cost:	\$700,000
Total Actual Cost-at-Completion:	\$1,310,000

4.2 SCHEDULE PERFORMANCE (PLANNED VERSUS ACTUAL)

The Project REDHOOK master schedule included the following major milestones:

• Project Kickoff	P:2/98	A:2/98
• Prototype Delivery and Test	P:10/98	A:10/98
• Project Closeout Report	P:11/98	A:7/99
• Phase 5 Review	P:11/98	A:10/99

The original period of performance was estimated at 18 months (6/97 - 11/98). The prototype development activity was completed in October 1998, and the Project Closeout Report/Phase 5 Review were completed 13 months later for a total actual project life cycle of 31 months.

5.0 LESSONS LEARNED

The following lessons were learned during the course of Project REDHOOK activities which may be of benefit to follow-on or other related projects:

- Collection products should be of modular design and be developed and fielded rapidly; minimize system complexity early
- Asking the field for requirements without managing those expectations/requirements can lead to substantial requirements/cost creep by trying to satisfy everyone.
- Don't jump into a technology too early - jumping onto a technology too early can be a double-edged sword. Best approach may be to get an early capability out to the field and then build on that capability later
- Don't build a stove-pipe system

6.0 PROJECT ASSESSMENT

The Project Leader's overall assessment of Project REDHOOK through the conclusion of the project is summarized as follows:

- Project REDHOOK development was successfully completed; it was an early success for the Bureau
- Success - supported critical first cases
- Success - developed Criminal Investigative Tools
- Success - design was flexible enough to support rapid deployments involving Internet technologies
- Failure - completed project over budget
- Failure - inability to build a stable platform
- Failure - initial selection of VME chassis proved expensive
- Failure - Got off on wrong foot with the Field.

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**Electronic Surveillance Technology Section
Project Progress Summary**

UNIT	PROJECT NAME	PROJECT FILE NUMBER	REPORTED MONTH						
EST-4	RadHook	258-HQ-1001725	2/98						
Project Leader/Ext:		User Representative:							
User Organization:	EST-4	Period of Performance:	8/97 - 11/98						
PROJECT GOAL									
Goal Statement:	ISDN intercept system - PC-PDU Development								
COST SUMMARY									
Are Contractor Payments Current?	Yes	Is the Contractor On Budget (+/- 10%)?	yes						
Planned Cumulative Cost To Date:	\$233,000.00	Planned Total Cost:	\$700,000.00						
Actual Cumulative Cost To Date:	\$233,000.00	Estimated Cost At Completion:	\$700,000.00						
Variance (\$)	\$0.00	Variance (\$):	\$0.00						
Variance (%)	0.00%	Variance (%):	0.00%						
Cost Remarks:	Project costs were redefined to cover only the \$700,000 costs to develop the PC-PDU.								
SCHEDULE/KEY ACCOMPLISHMENTS SUMMARY									
On Schedule (+/- 10%)?	Yes								
Schedule Remarks:	Project schedule was redefined to cover only the period to develop the PC-PDU. The TRS in 2/98 will indicate the planned features.								
CONTROL PRODUCT SUMMARY									
PHASE 1					PHASE 2				
PRODUCT	SON	PDS	ICP		PRODUCT	PP	TRS	SRR-R	
REQ'D (Y/N)	y		Y		REQ'D (Y/N)	N	Y 2/98	N	
DATE SIGNED	2/97		9/97		DATE SIGNED				
PHASE 3									
PRODUCT	FD	SDD	SDP	TP	PS	TPr	PDR-R	CDR-R	TRR-R
REQ'D (Y/N)	N	N	N	Y	N	N	N	Y	N
DATE SIGNED									
PHASE 4					PHASE 5				
PRODUCT	TR	TrP	IP	TM	ORR-R		PRODUCT	PCR	
REQ'D (Y/N)	Y	N	N	Y	Y		REQ'D (Y/N)	Y	
DATE SIGNED							DATE SIGNED		
PHASE REVIEWS									
PHASE	ONE	TWO	THREE	FOUR	FIVE				
DATE SCHEDULED	N/A	2/98	4/98	8/98	11/98				
DATE COMPLETED									
KEY ISSUES					SECTION CHIEF INTERVENTION REQ'D?				
None					No				
Issue Remarks:									

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Electronic Surveillance Technology Section
Project Progress Summary

UNIT:	PROJECT NAME:	PROJECT FILE NUMBER:	REPORTED MONTH:						
EST-4	Redhook	288-HQ-1001725	1/98						
Project Leader/Ext:		User Representative:							
Organization:	EST-4	Period of Performance:	11/91 - 12/98						
PROJECT GOAL									
Goal Statement:	ISDN intercept system								
COST SUMMARY									
Are Contractor Payments Current?	Yes	Is the Contractor On Budget (+/- 10%)?	yes						
Planned Cumulative Cost To Date:	\$13,610,000.00	Planned Total Cost:	\$13,934,584.00						
Actual Cumulative Cost To Date:	\$13,610,000.00	Estimated Cost At Completion:	\$13,934,584.00						
Variance (\$)	\$0.00	Variance (\$):	\$0.00						
Variance (%)	0.00%	Variance (%):	0.00%						
Cost Remarks:	Spending authorization increased by \$700,000.00								
SCHEDULE/KEY ACCOMPLISHMENTS SUMMARY			On Schedule (+/- 10%)? Yes						
Schedule Remarks:									
CONTROL PRODUCT SUMMARY									
PHASE 1									
PRODUCT	SON	PDS	ICP						
REQ'D (Y/N)	Y		Y						
DATE SIGNED	2/97		9/97						
PHASE 2									
PRODUCT	PP	TRS	SRR-R						
REQ'D (Y/N)	1/98	N	N						
DATE SIGNED									
PHASE 3									
PRODUCT	FD	SDD	SDP	TP	PS	TPr	PDR-R	CDR-R	TRR-R
REQ'D (Y/N)	N	N	N	Y	N	N	N	N	N
DATE SIGNED									
PHASE 4				PHASE 5					
PRODUCT	TR	TrP	IP	TM	ORR-R	PRODUCT	PCR		
REQ'D (Y/N)	Y	N	N	Y	Y	REQ'D (Y/N)	Y		
DATE SIGNED						DATE SIGNED			
PHASE REVIEWS									
PHASE	ONE	TWO	THREE	FOUR	FIVE				
DATE SCHEDULED	N	N	N	N	Y				
DATE COMPLETED									
KEY ISSUES:						SECTION CHIEF INTERVENTION REQ'D?			
Issue Remarks:						No			
CRB approved the PC-PDU development.									

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PROJECT
RedHook
Phase 5 Review

October 1999



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Review Purpose and Objectives

RedHook
PROJECT

Project Closeout

Purpose

- To review the ^{Redhook} OMNIVORE Project and elucidate on the lessons learned.

Objectives

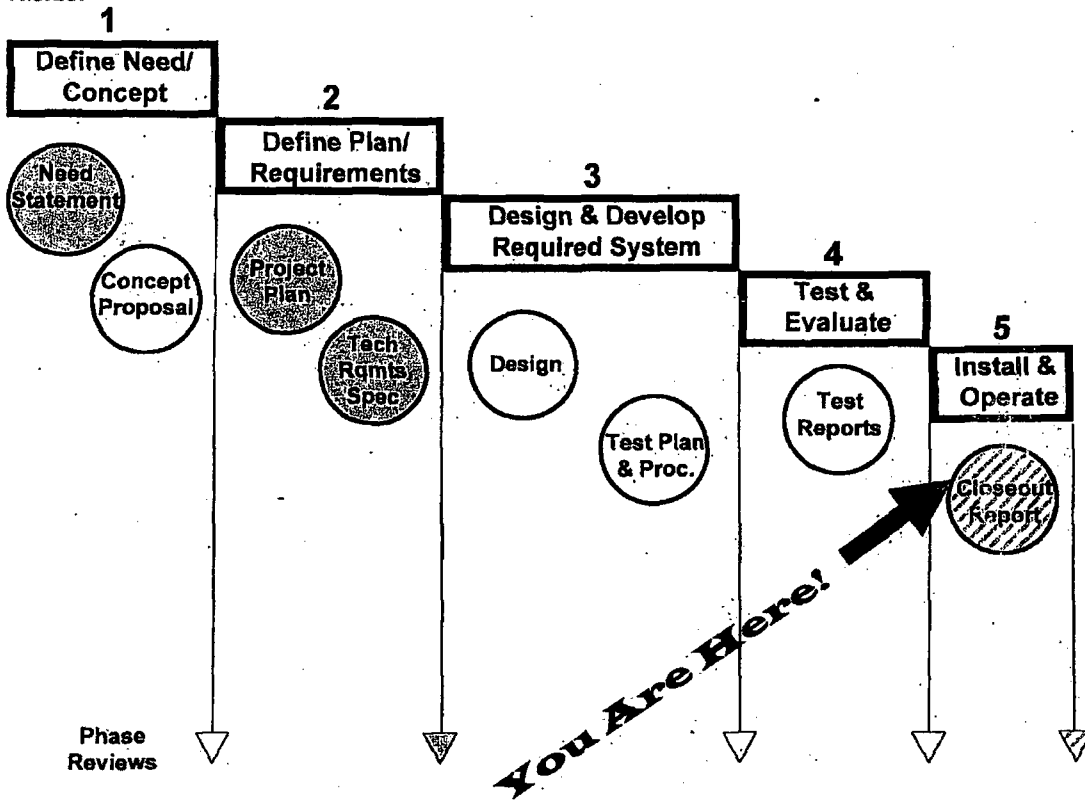
- Present salient highlights
- Present project management successes and failures
- Identify key decisions
- Lessons learned
- Section Chief sign-off on project closure

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Project Management Approach

RedHook
PROJECT

Project Closeout

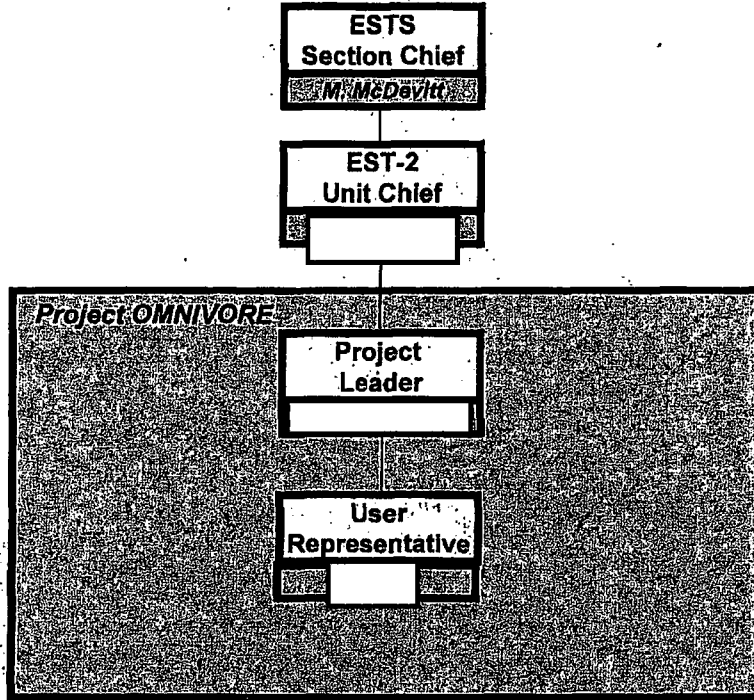


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Project Team (Government)

RedHook
PROJECT

Project: *Clascont*



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Development Cost Projection

RedHook
PROJECT

Project Closeout

- **Total Planned Cost for prototype development was \$1,310,000**
–**Cumulative Costs-to-Date are: \$1,310,000**

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Proposed Project Control Gates

RedHook
PROJECT

Project Closeout

- **Recommended Remaining Control Products**
 - None
- **Recommended Reviews**
 - Phase 5 Review (Chair/Approval Authority: ESTS Section Chief)
- **Recommended Reporting**
 - Done

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Present Salient Highlights

RedHook
PROJECT

Project Closeout

- **Capable of ISDN Captures with**
 - **Voice Traffic**
 - **Data Traffic on the B Channels**
 - **Both Voice and Data Traffic**
 - **Multi-line ISDN**

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Project management successes and failures

RedHook
PROJECT

Project Closeout

- **Success – Supported critical first cases**
- **Success – Developed Criminal Investigative Tools**
- **Success – Design was flexible enough support rapid deployments involving Internet technologies**
- **Failure – Over Budget**
- **Failure – Got off on wrong foot with Field**
- **Failure – Chose VME chassis system**

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Key Decisions

RedHook
PROJECT

Project Closeout

- **Changing contract teams**
- **Changing VME Platform**
- **Minimizing Harris Involvement**

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Lessons Learned

RedHook
PROJECT

Project Closeout

- **If you feel that you're not going to get good value on a contract you're probably right.**
- **Minimize system complexity early.**
- **Use as many contract teams as possible to support a program because it enables the COTR to get the best value through "good fit" and healthy competition.**
- **Don't build a stove-pipe system.**
- **Don't jump in on a technology too early.**

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Recap

RedHook
PROJECT

Project Closeout

- RedHook was an early success for the Bureau
- The original contract team was broken-up by the COTR
- The new team performed well for the COTR
- New contract team is building the last systems the Bureau will likely purchase
- ISDN has alternative collection systems.

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PROGRAM MANAGEMENT OFFICE - CONTROL PRODUCT ASSESSMENT					
Document Title:	Project Closeout Report - REDHOOK			Review ID No.:	C99-034
Preparer's Unit:	EST-4	Preparer's Name:		Phone Ext:	
Reviewer's Name:		Phone Ext:		Date of Review:	9/15/99
Summary of Document Content: <ul style="list-style-type: none">• This PCR documents the objectives, key decisions, and lessons learned during REDHOOK development.• The REDHOOK system is an integrated services digital network intercept system.• Key Project Team members include: (Project Leader); (User Advocate)• The original estimated total project cost was \$700,000; Actual total cost was \$1,180,000.					
Content Complete?	Yes	Content Accurate?	Yes	Proper Format?	Yes
Assessment of Control Product: <p>This Project Closeout Report is compliant with JTB Project Management standards. The required EC is included with the report.</p>					
Security Checked?	NA	Another Reviewer?	No	Commonality?	No
Issue(s): <p>Note: Technical Performance was not covered in the Project Closeout Report; No Key Decisions reported. The names listed on the Approved By line of the EC is incorrect and should be corrected for future submission of ECs for OSTO control products. Note: PCR received by OSTO 9/2/99, EC dated 9/1/99.</p>					
Recommendation(s): <p>The REDHOOK Project Closeout Report is ready for Section Chief review. Recommend that the Phase 5 Review be scheduled and conducted at the earliest date that participants are available. Recommend participants include: Project Leader, EST-4 Unit Chief, OSTO Manager, OSTO Support Team Members, and ESTS Section Chief.</p>					
Date Preparer Signed:	6/28/99	Date Unit Chf Signed:	7/7/99	Date Section Chief Signed:	

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Project History Report

Red Hook

21 October 1999

File Number: 268-HQ-1001725

Section/Unit: ESTS/EST-4 Project Leader:

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REPORT DATE	PERIOD OF PERFORMANCE	PLANNED TOTAL COST/ EAC	ACTUAL/CUMM COST-TO-DATE/ VARIANCE %	SCHEDULE STATUS	PROGRESS/REMARKS	MGT PLAN
2/1/98	6/97 - 11/98	\$700,000.00 EAC: \$700,000.00 Variance: 0.00%	\$233,000.00 Variance: 0.00%	On Schedule	Project schedule was redefined to cover only the period to develop the PC-PDU. The TRS in 2/98 will indicate the planned features.	No
4/1/98	6/97 - 11/98	\$700,000.00 EAC: \$700,000.00 Variance: 0.00%	\$483,000.00 Variance: 0.00%	On Schedule	Project schedule to develop the PC-PDU	No
6/1/98	6/97 - 10/98	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$536,000.00 Variance: 0.00%	On Schedule	None.	No
8/1/98	6/97 - 10/98	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$860,000.00 Variance: 0.00%	On Schedule	None.	No
10/1/98	6/97 - 12/98	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$980,000.00 Variance: 0.00%	On Schedule	Project closeout moved up one month. Awaiting acceptance testing date. Completion date moved to 12/98.	No
12/1/98	6/97 - 12/98	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$1,100,000.00 Variance: 0.00%	On Schedule	Acceptance testing complete. RedHook System passed.	No
2/1/99	6/97 - 9/99	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$1,160,000.00 Variance: 0.00%	On Schedule	Acceptance testing complete - Test Report done in January. RedHook System passed - development is complete. Period of performance extended to 9/99 to use remaining funds on developing specific enhancements. PCR will come after the project closes out in September.	No
4/1/99	6/97 - 9/99	\$1,310,000.00 EAC: \$1,310,000.00 Variance: 0.00%	\$1,180,000.00 Variance: 0.00%	On Schedule	No changes.	No
6/1/99	6/97 - 9/99	\$1,310,000.00 EAC: \$1,180,000.00 Variance: 9.92%	\$1,180,000.00 Variance: 0.00%	On Schedule	(U) No changes.	No

Management Attention Flag: T = Tolerance (Budget/Schedule) Exceeded I = Issue Intervention/Resolution

FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE

Date: 09/01/1999

To: Laboratory

Attn: Mr. McDevitt QT-ERF
Mr. [redacted] QT-ERF
Mrs. [redacted] QT-ERF
(Enclosure)
Mr. [redacted] QT-ERF
Mr. [redacted] QT-ERF
(Enclosure)

From: Laboratory

Electronic Surveillance Technology Section/EST-4
DITU, QT-ERF

Contact: [redacted] (703) [redacted]

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Approved By: McDevitt Michael J. [redacted]

Drafted By: [redacted] C MCT/RAD
[redacted] llp

Case ID #: 268-HQ-1001725 (Pending)

Title: REDHOOK
PROJECT CLOSEOUT

Synopsis: EST-4 is requesting that the Project Closeout Report for RedHook be approved.

Enclosure(s): Project Closeout Report for RedHook Project

Details: The Laboratory Division, Electronic Surveillance Technology Section, EST-4, is responsible for the development of lawfully authorized digital telephony collection systems. The RedHook Project was developed to facilitate lawfully authorized collection of integrated services digital network (ISDN) traffic on the subscriber's line. The RedHook development effort has been completed. The attached Project Closeout Report documents the results of this effort, and is being submitted for approval.

268-HQ-1001725-78

UPLOADED
NOV 03 1999
S.D.J.

L.P.

To: Laboratory From: Laboratory
Re: 268-HQ-1001725, 09/01/1999

LEAD(s):

Set Lead 1:

LABORATORY:

AT QUANTICO, VA

That ESTS approve the Project Closeout Report for the RedHook ISDN intercept system.

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REDHOOK

FOR OFFICIAL USE ONLY
Project Closeout Report

EST-4

REDHOOK
PROJECT CLOSEOUT REPORT

PHASE 5

Data Intercept Technology Unit, EST-4
Electronic Surveillance Technology Section

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File No. 268-HQ-1001725

June 28, 1999

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REDHOOK

FOR OFFICIAL USE ONLY
Project Closeout Report

EST-4

APPROVAL

PREPARED BY:
(Project Leader)

[Signature Box]

Signature

6/28/99
Date

CONCURRED BY:
(User Representative)

[Signature Box]

Signature

7/6/99
Date

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REVIEWED BY:
(Technical Representative)

[Signature Box]

Signature

7/9/99
Date

APPROVED BY:
(Unit Chief)

[Signature Box]

Signature

7/7/99
Date

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1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this OMNIVORE Project Closeout Report (PCR) is to document the accomplishments of and lessons learned from the REDHOOK development project.

1.2 SCOPE

1.2.1 Identification

The prototype system is labeled REDHOOK. The REDHOOK system consists of an ISDN bridge unit, a processing and distribution unit (PDU) and a user workstation. The system software is identified below:

PC Workstation:	V3.17	31 March 99
AMH:	V1.2	21 May 97
PDU (PC):	V1.5	11 March 99
PDU (DSP):	V1.4	31 March 99
PDU (Linecard):	V2.5	18 June 99
Serial Bridge:	V1.9	3 Sept 97

The user workstation requires a standard PC running Solaris X.86™ version 2.6, an Ethernet network card and a 2 Gigabyte Jaz™ drive for permanent storage. The PDU requires a PC running Windows NT™ and an Ethernet network card.

1.2.2 Project Closeout Objectives

The REDHOOK Project Closeout Report summarizes the project's:

- a. Costs
- b. Development Time
- c. Achieved Functionality
- d. Recommended Future Activities

2.0 ARCHIVED PROJECT DOCUMENTATION

The following PMO and technical documents have been generated for this project and are stored in the indicated files:

<u>Document Title</u>	<u>Date</u>	<u>File Location</u>
		<u>ESTS EST-4 Project</u>
Statement Of Need	2/1/97	EST-4
Internal Concept Proposal	7/4/97	EST-4
Technical Requirements Spec	N/A	
Test Plan/Procedure	10/98	EST-4
Technical Manual	10/98	EST-4
Acceptance Test	10/98	EST-4

3.0 PROJECT SUMMARY

The REDHOOK system is an integrated services digital network (ISDN) intercept system capable of supporting lawfully authorized voice, data, dual voice, voice and data, bonded data, and multiline service for both Title III and Title 50 cases. Pen Register mode is also supported.

The project being reported on was to modify the REDHOOK system to replace a VME chassis based PDU with a PC based PDU running the Windows 95[™] operating system.

3.1 MISSION NEED

This system fulfills a need to capture ISDN traffic by tapping the subscriber's telephone line between the telephone company's central office and the subscriber's residence. The collection system must also be able to comply with Title III requirements for minimization.

3.2 SYSTEM DESCRIPTION

The REDHOOK system consists of a serial bridge that is remotely controlled to tap the subscriber's telephone line, a PDU for bridge control and a user workstation to store and present user voice/data to the monitoring agent. Storage of the lawfully authorized collected data is at the workstation.

3.3 OPERATIONS CONCEPT

The REDHOOK system was designed to be installed in series with the subscriber's line. The bridging unit will forward the collected signals either over twisted pair to a collection point within 3 miles or a fractional T1 to anywhere in the country. The PDU receives the collected signals from the serial bridge and forwards the collected data to the user workstations over Ethernet in an office environment.

3.4 PROJECT ORGANIZATION

Contractor personnel: [REDACTED] in Melbourne Florida, designed and developed the REDHOOK system on a cost plus award fee contract. EST-4 participated in project status reviews and observed testing of the prototype units. Marconi systems was tasked with contract management support for this effort.

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3.5 DEVELOPMENT PROCESS/MILESTONES

The OMNIVORE project followed EST Section Project Management guidelines. The project has accomplished the major milestones listed below.

<u>Milestone</u>	<u>Date</u>
Project Kick-Off of PDU port to NT™	2/98
Design Review	4/98
Prototype Tests	10/98
Prototype Delivery	10/98
Operational Readiness Review Tests	2/99
Project Closeout	6/99

3.6 TECHNICAL PERFORMANCE

The technical performance is detailed in the OMNIVORE acceptance test report dated November, 1999. This section provides only the high-lights of the test reports.

The system has been successfully deployed in the field.

4.0 KEY DECISIONS

4.1 TECHNICAL PROBLEMS

The REDHOOK system was deployed in the Solaris™ PDU configuration while the NT™ port was underway. The funding for this development was also used to provide field operation support. Also wrapped into this development was the minimization of collected idle data that is present on ISDN circuits when the data throughput is not equal to capacity.

4.2 UNIT ACCEPTANCE

After delivery of the acceptance test report, in November of 1998, the REDHOOK system was accepted.

5.0 PERFORMANCE

This section reviews the costs and development time which the REDHOOK project required during its implementation.

5.1 COST PERFORMANCE

Project costs were within accepted ranges. The contracted price for the REDHOOK system and operational software was \$1,180,000. The Project came in on budget with funding being expended on field support in addition to the PDU development work.

5.2 SCHEDULE PERFORMANCE

The completion of the project was within the planned schedule.

6.0 NOTES

6.1 Location of Units

The prototype units were deployed to a number of field locations. All field deployed systems have been replaced with the upgraded Windows NT™ operating system units.

6.2 Other Comments

Overall the development effort went well. In the future though, the collection systems of this variety will be designed to capture and break-out only the first three layers of the OSI model. This leads to a much more modular system approach to collection systems.

PROJECT Redbook + Omnivore

PROJECT LEADER

Review Control Products

Schedule Review

Check Section Chief Schedule

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Check Project Leader/Unit Chief Schedule

Check OSTO Manager Schedule

Date 10/21/99 ; Time 10:00-11:00; Place Secure Conf. Rm.

Schedule/Send E-mail

Reserve conference room

SC/UC/Proj. Leader/OSTO Manager C
Secretary/Unit POC

Send copy of CPA to Proj. Leader 9/21/99

Advise Proj. Leader to prepare presentation pkg. with appropriate copies

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From: [Redacted]
To: [Redacted]
Date: 10/13/99 3:29PM
Subject: Projects Redhook & Omnivore - Phase 5 Review

The Phase 5 review for above listed projects has been rescheduled for 10/21/99, 10:00-11:00 a.m. in the Secure Conference Room.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-25-2007 BY 65179 DMH/TAM/KSR/cb

From: [Redacted]
To: [Redacted]
Date: 9/21/99 2:29PM
Subject: Phase 5 Review - Projects Redhook & Omnivore

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Phase 5 Review for above listed projects has been scheduled for October 12, 1999, 10:00-11:00 a.m. in the Secure Conference Room. If you need any help with your presentation package, please let us know. Thanks.

CC: [Redacted] MICHAEL MCDEVITT,...

From: [REDACTED]
To: [REDACTED]
Date: 9/16/99 9:25AM
Subject: OSTO - Review of Documents

I have reviewed your Project Closeout Reports for Omnivore and Redhook. I will forward the assessments to you early next week.

I plan on trying to schedule your Phase 5 review with your Section Chief & Unit Chief sometime between 10/12-22/99. I will be checking everyone's schedule. Please start preparation of your presentation materials, using the template that has been provided. If you have any questions, please call me.

Thanks.

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 - 6.4 PROJECT ORGANIZATIONAL STRUCTURE AND RELATIONSHIPS 19
 - 6.4.1 RISK MANAGEMENT BOARD 19

(U)

1.0 INTRODUCTION

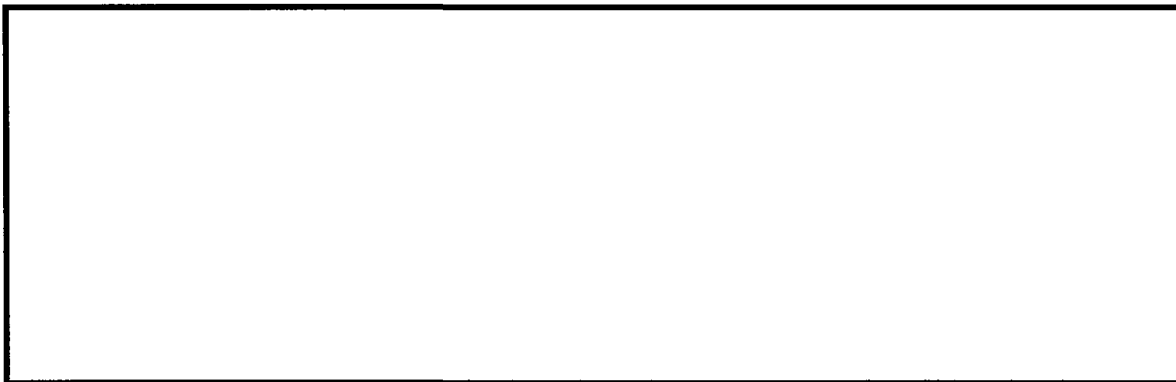
(S) Project Digital Collection-03 is a 15-month part of an overall Digital Collection Program. This program supports the FBI's mission to ensure the ability of the FBI to collect evidence and intelligence through the acquisition, deployment, and support of communications interception techniques and systems to facilitate and support national security, domestic counterterrorism, and criminal investigative efforts. Systems being acquired under the Digital Collection Program include the DCS-5000, formerly known as [redacted] the DCS-6000, formerly known as [redacted] and the DCS-3000, an in-house system built to provide an interim solution to intercepts based on Communications Assistance to Law Enforcement Act (CALEA) inputs. The DCS-5000 and DCS-6000 systems possess similar functions and capabilities; however, the primary difference between the systems is the DCS-6000's requirement to monitor intercepted communication as it is recorded and to minimize the communication in accordance with the court order authorization.

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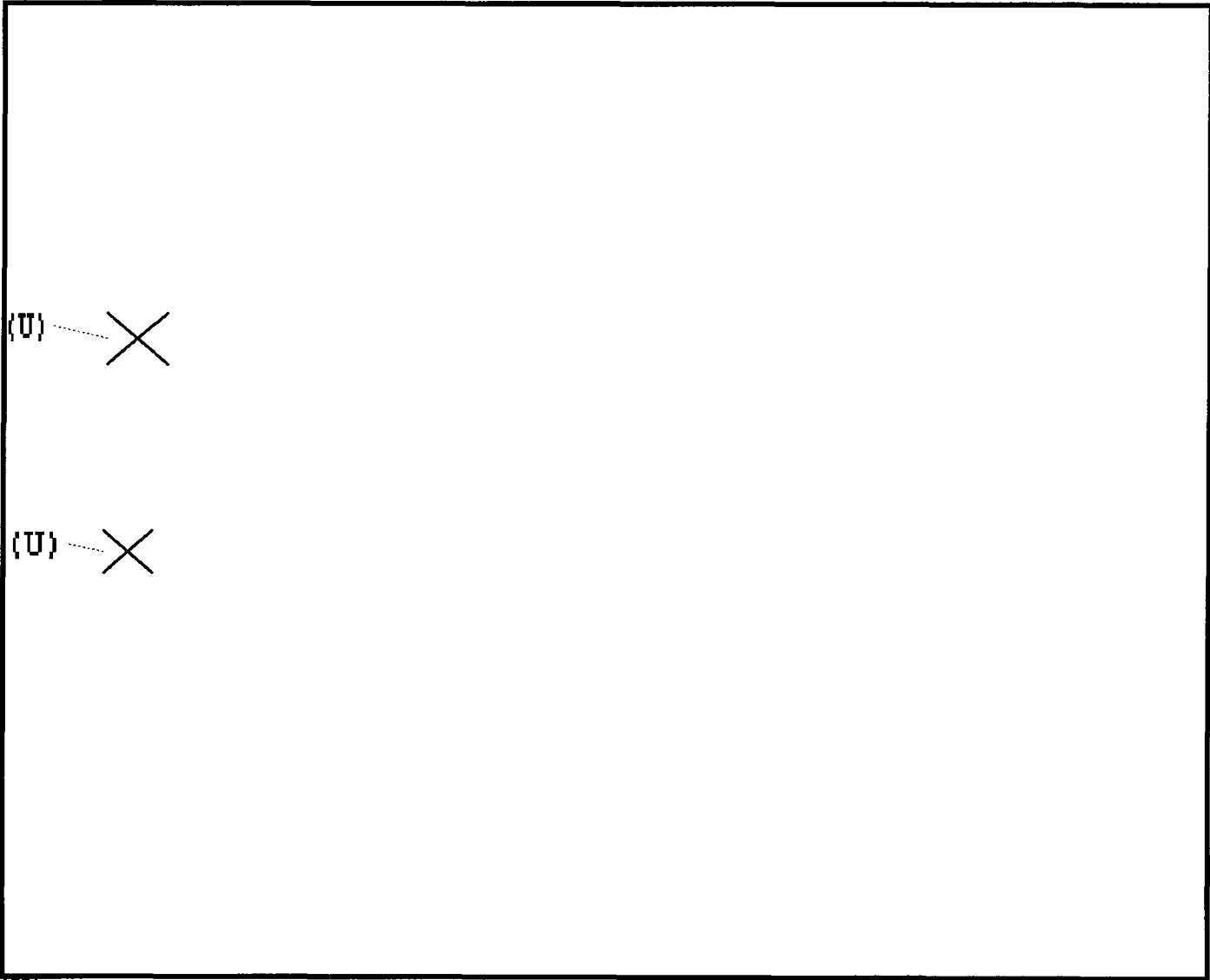
(U) This Project Plan defines the detailed plan for conducting Project Digital Collection-03. To that end, this Project Plan establishes the following project elements -

- Project objectives and project control requirements
- Acquisition strategy
- Technical concepts
- Financial projections
- Management approach
- Testing and acceptance approaches
- Project schedule/milestones
- Operations and maintenance approach
- Special considerations.

OTHER OUT OF SCOPE



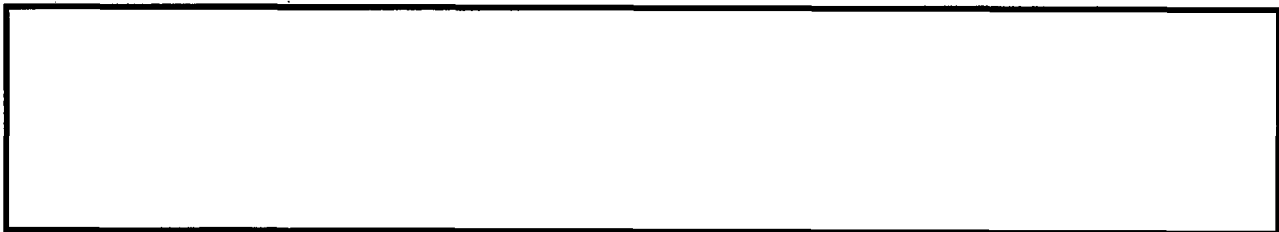
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(U) X

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(U) ~~(S)~~ The DCS-3000 was developed under an in-house TICTU effort and provides the ability to accept CALEA-based inputs of various telecommunications providers into acceptable formats for the DCS-5000 and DCS-6000. DCS-3000 systems, though not collection devices, are an integral, interim solution until the DCS-5000 and DCS-6000 systems are able to fully accept all telecommunication service providers' CALEA inputs.

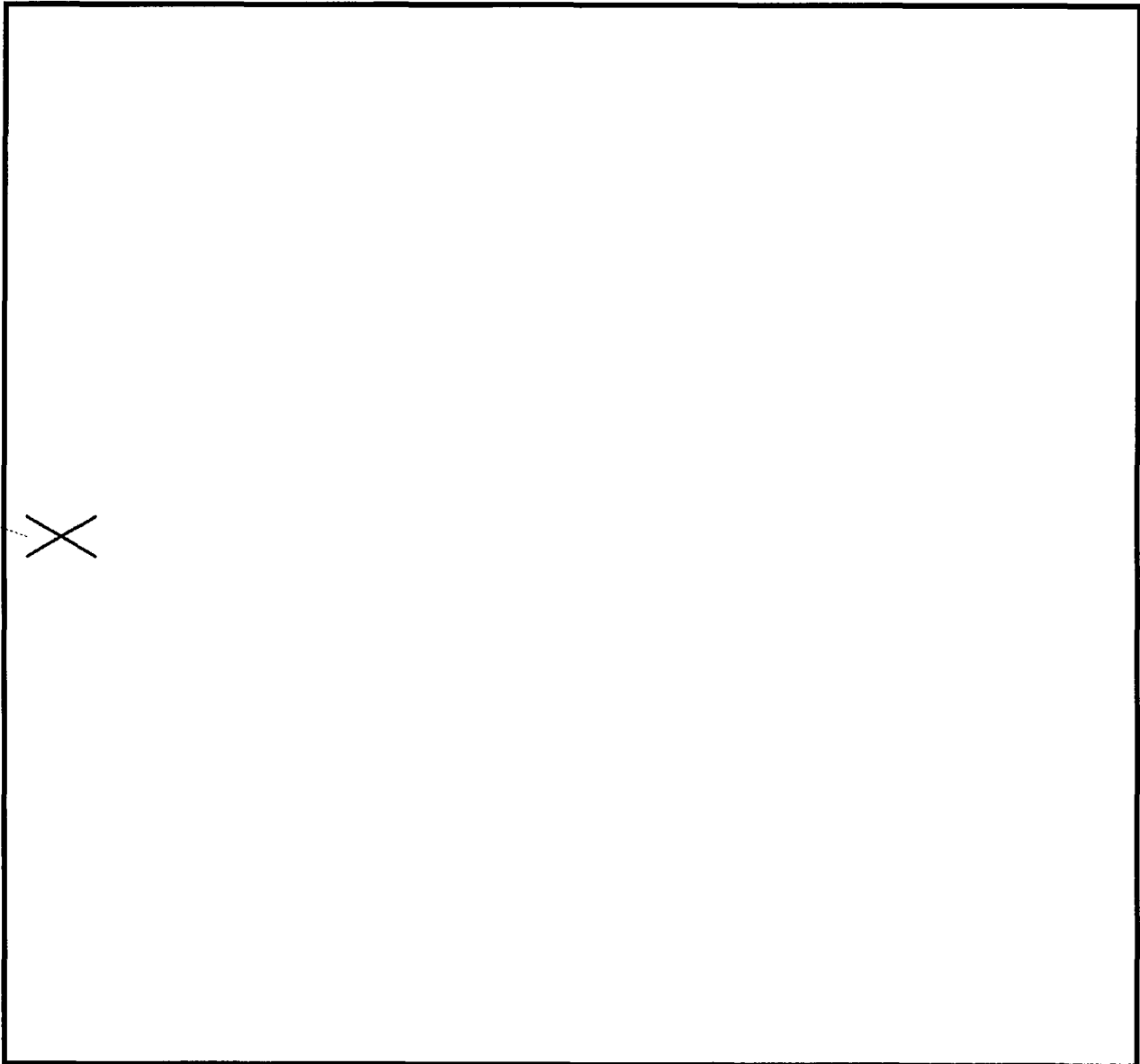


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2.1.3 DCS-3000

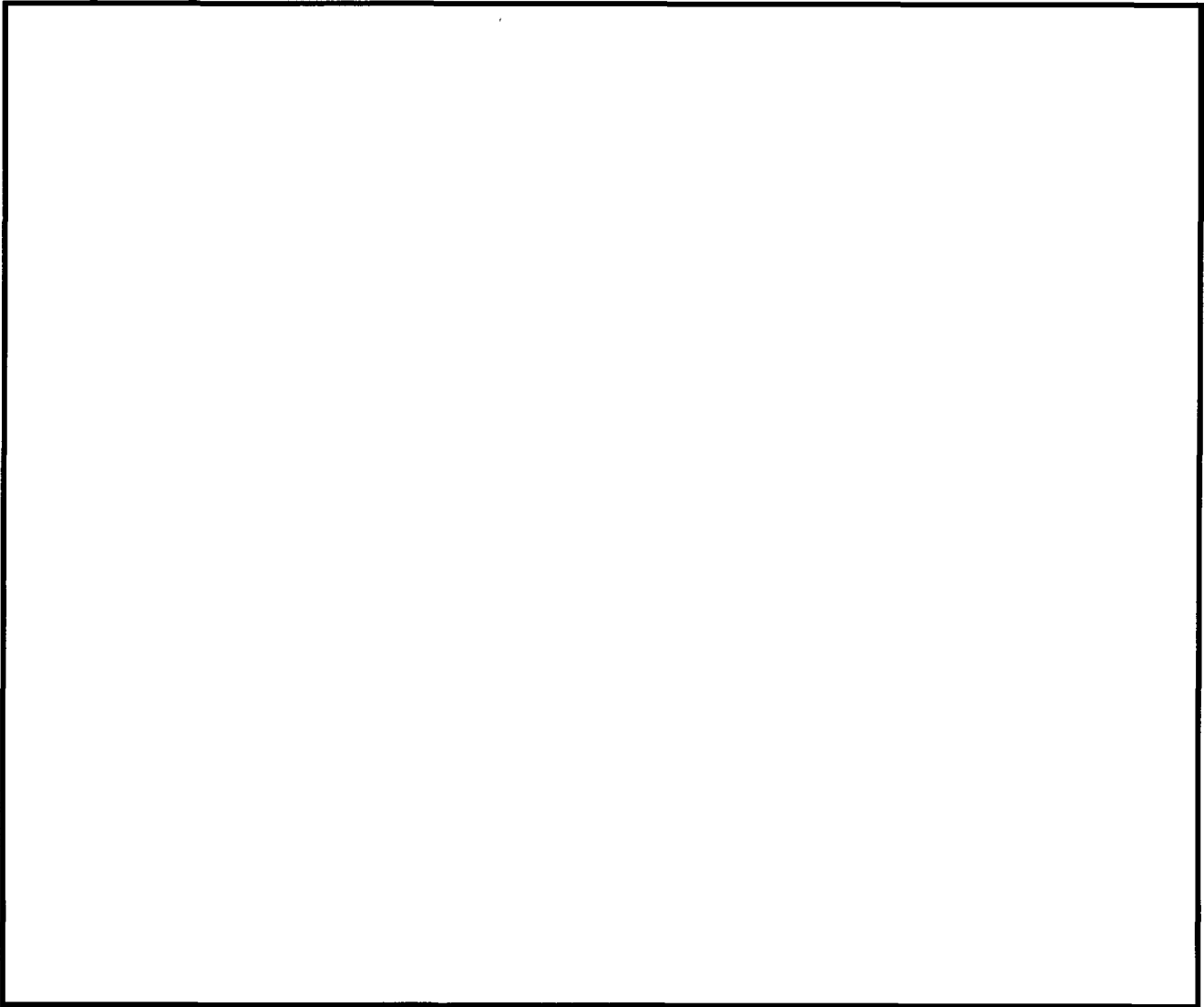
~~(S)~~ TICTU is supporting both DCS-5000 and DCS-6000 systems with an in-house product. The DCS-3000 is produced using a combination of in-house resources and contractor support research, development, production, and upgrades. Contractor support was awarded on a competitive basis to Booz-Allen-Hamilton in FY 2001. The projected cost of this effort for FY 2003 is \$2,400,000.



(U)

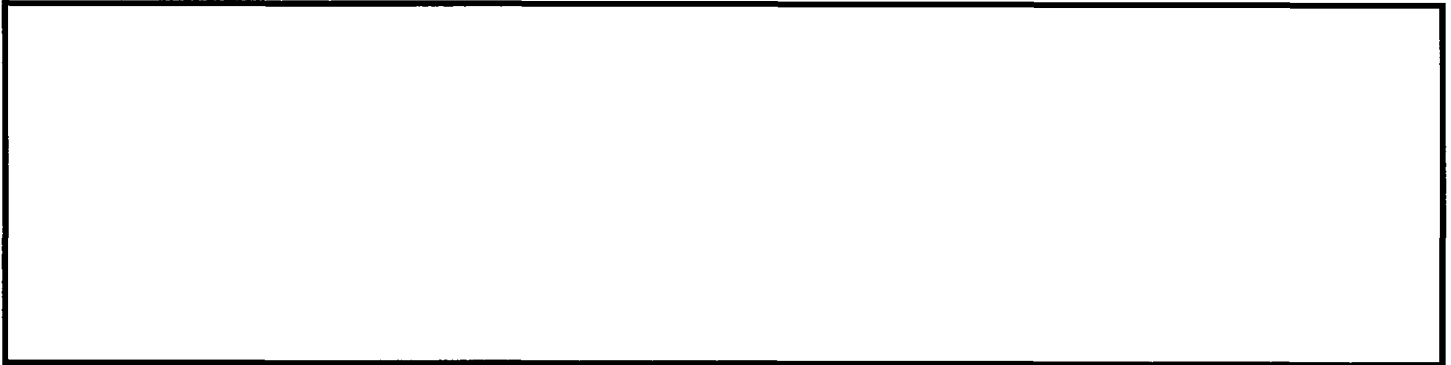
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OTHER OUT OF SCOPE



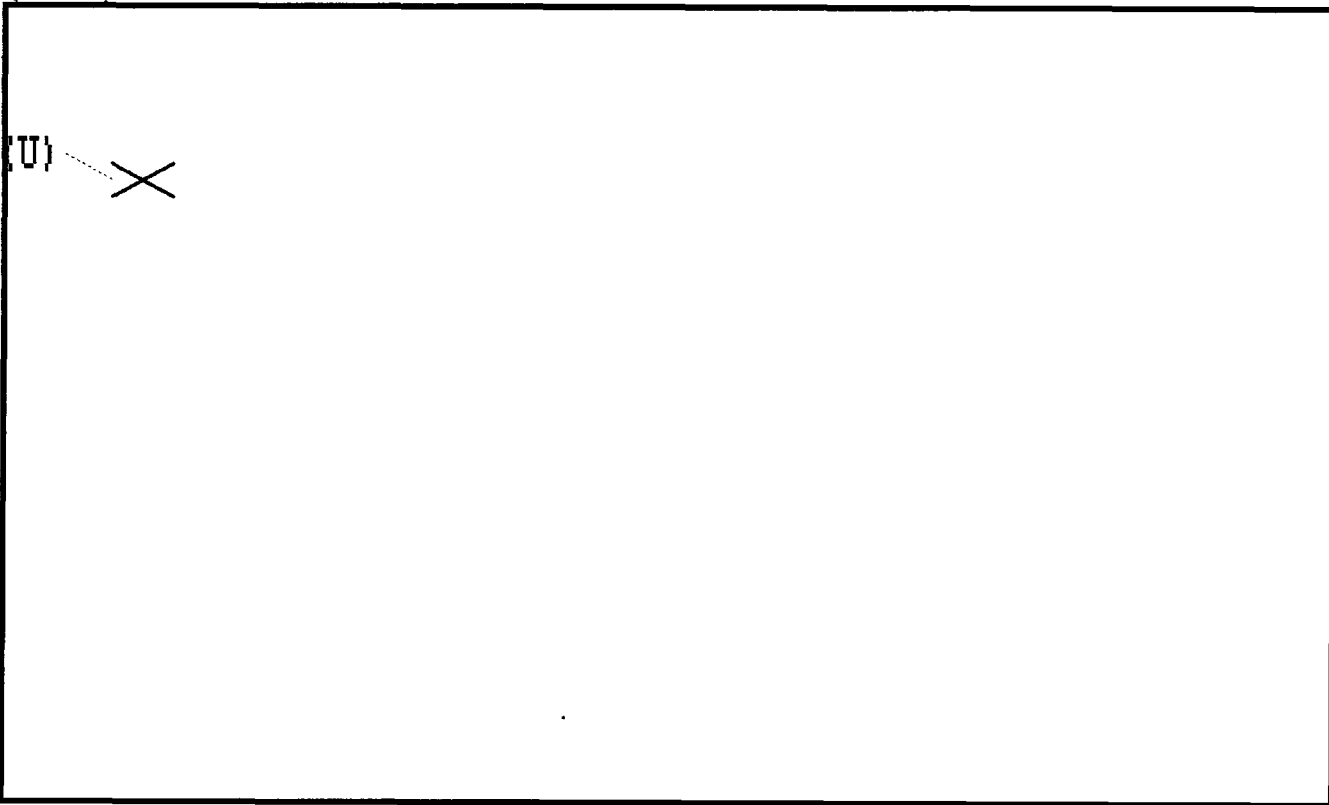
3.2 SYSTEM DESCRIPTION

The systems being implemented in Project Digital Collection-03 include DCS-6000, DCS-5000, and DCS-3000. The functional capabilities of each system are addressed in the following sections.



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OTHER OUT OF SCOPE

3.2.3 DCS-3000

(U) Functional capabilities of this system include:

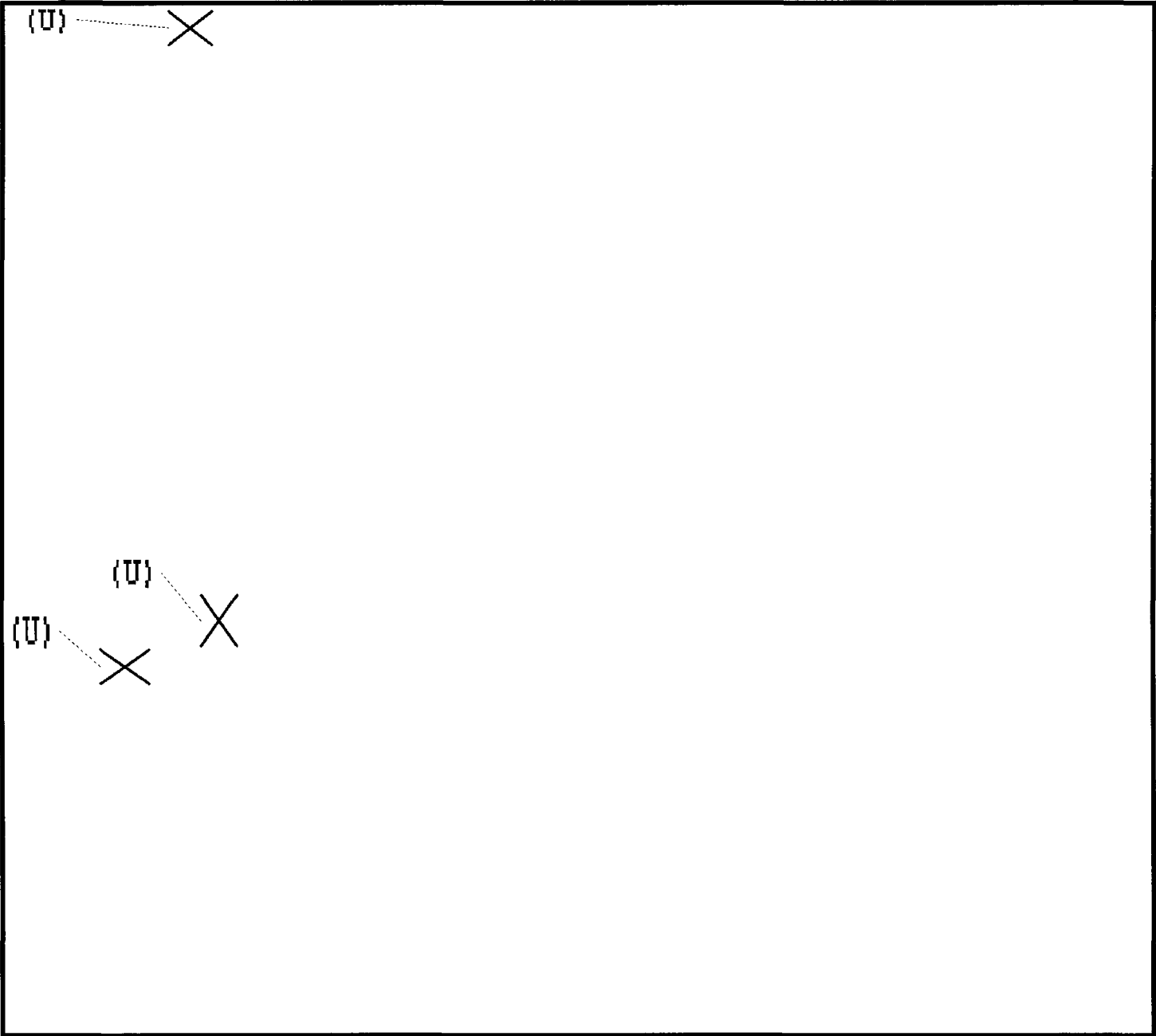
- Initiates connection to switches
- Matches incoming Call Data Content and Call Carrier Content.
- Stores and forwards capability for CALEA data

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3.3 SYSTEM-LEVEL REQUIREMENTS

(U) Systems requirements are identified and detailed in the Functional Requirements Documents for each system. The Requirements documents are available from the Project Leader.

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(U)



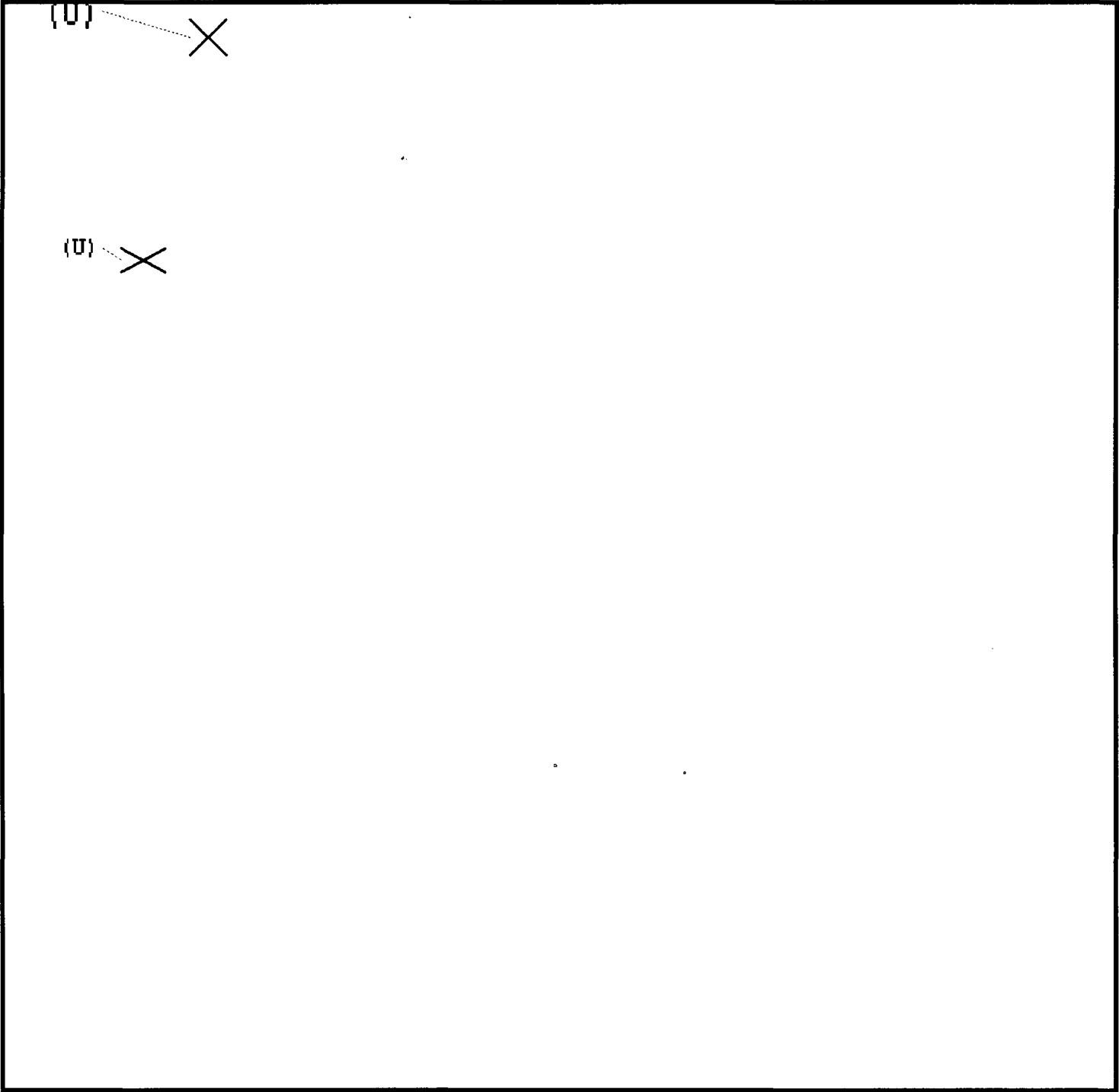
3.2.3 (U) DCS-3000

OTHER OUT OF SCOPE

U) Functional capabilities of this system include:

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- Initiates connection to TSP switches
- Matches incoming Call Data Content and Call Carrier Content
- Stores and forwards capability for CALEA J-STD data



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CMP Systems Operation Center (CSOC) Project Plan [22 April 2003]

1.3 PROJECT SCOPE AND CONTENT

This project is consistent with the ESTS Program Plan Goal 1.B which is "To provide exemplary, proactive service which assures that mission-related collection and user/system support requirements are achieved." One of the near-term (2003) actions associated with achieving that goal was "Design, build-out, and commence initial operations of the CSOC/Help Desk Facility." Supervisory Engineering Technician (SET) [REDACTED] will lead a team of contract engineers in accomplishing this project.

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The period of performance for this project is estimated to be six months. The effort to build-out the remainder of the capability and to procure and integrate the necessary software and hardware is estimated to cost \$130,000.

The major tasks to be accomplished in this effort are:

1. Procurement and integration of off-the-shelf availability management software and associated server hardware to meet

(Project File Number)

PP Template Vers 1.1

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CMP Systems Operation Center (CSOC) Project Plan [22 April 2003]

the system monitoring and reporting requirements levied by the ESTS.

2. Upgrade of the Remedy Management System to include implementation of Remedy Help Desk software
3. Procurement and integration of a Digital Access Cross-Connect Switch to facilitate digital inputs to multiple systems
4. Integration of Trilogy/ArachNet equipment into the CSOC facility
5. Integration of DCS3000 equipment and network connectivity within the CSOC facility
6. Hiring of five additional contract personnel to facilitate 24-hour operations
7. Training of all personnel on Availability Management System (AMS) and Remedy Management System (RMS) software

*** * * FOR OFFICIAL USE ONLY * * ***

2.0 ACQUISITION/PROCUREMENT STRATEGY

2.1 PRODUCT LIFE CYCLE ACQUISITION/PROCUREMENT STRATEGY

\$ 1,336,790
12 mos

The TICTU Unit Chief authorized the expenditure of 2002 funds from the Systems Operation and Integration Laboratory Task (Task 3035) on BAE Systems contract J-FBI-00-078 for the CSOC proof-of-concept. This contract is currently funded up to its ceiling and CSOC Support will be a task in the upcoming competitive procurement.

At the time of this writing, a Request For Proposal (RFP) is being generated to establish a new engineering services contract to perform the tasking currently managed by TICTU's Operation Resource Center (ORC). The establishment and maintenance of a CSOC is included in the RFP and the contract award winner will perform the work identified herein.

2.2 GOVERNMENT FURNISHED INFORMATION AND EQUIPMENT

Table 2.2-1 identifies the Government Furnished Information (GFI) and/or Government Furnished Equipment (GFE) items to be provided by the Government in support of this project.

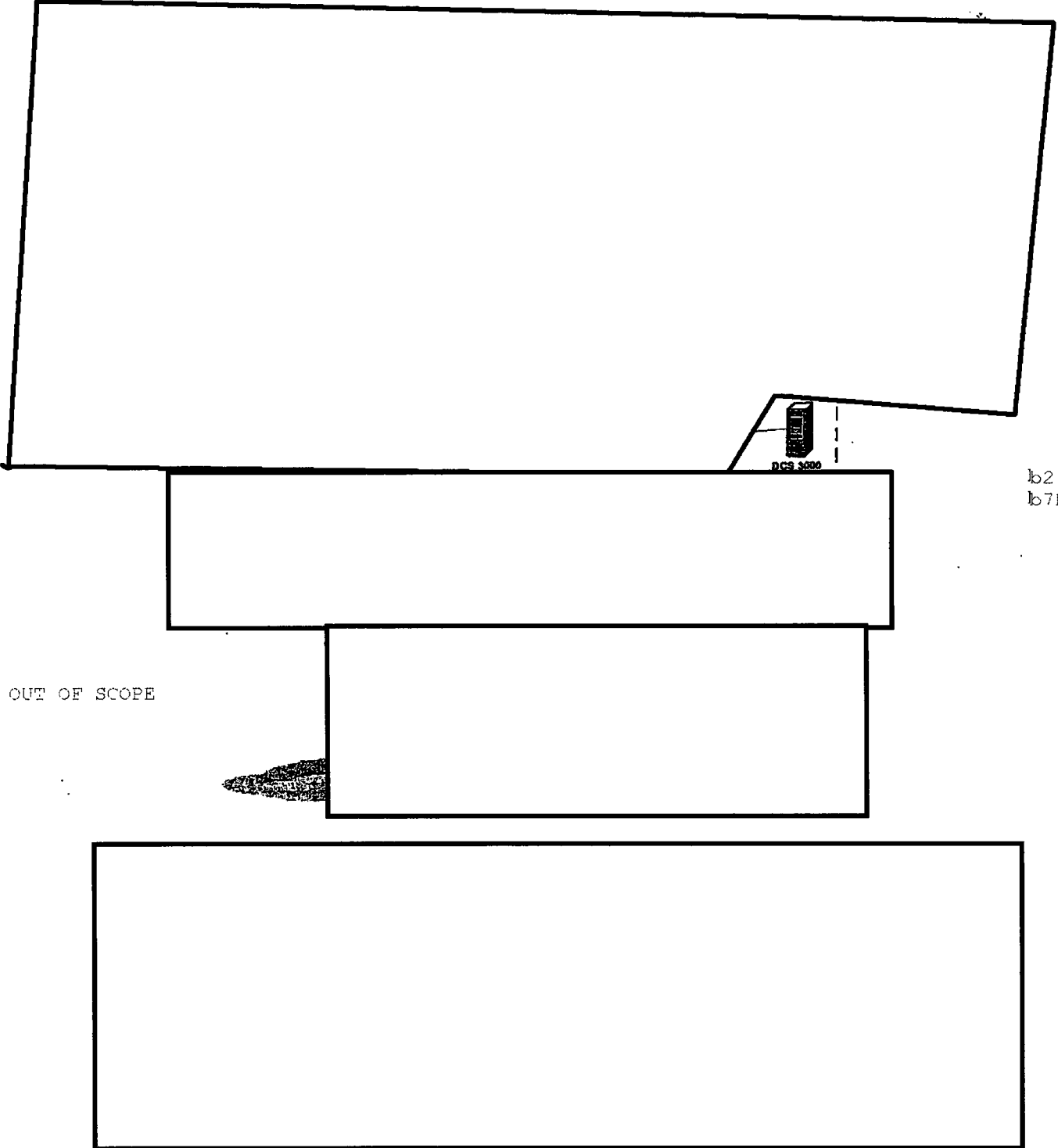
Table 2.2-1. Government Furnished Information/Equipment (GFI/E)

GFI/E Item	Need Date	Contractor Responsibilities
Trilogy/ArachNet Equipment and connectivity	05/30/2003	Integration and testing.
[redacted] Fixed Site System	N/A	System already installed and ready for CSOC integration and testing.
[redacted] Portable System	N/A	System already installed and ready for CSOC integration and testing.
[redacted]	N/A	System already installed and ready for CSOC integration and testing.
DCS3000 System and node connectivity	05/30/2003	Installation, integration and testing.
[redacted]	05/30/2003	Installation, integration and testing.

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3.2 SYSTEM DESCRIPTION

The Information Model developed to depict the flow of information in and out of the CSOC is contained in the following graphic.



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OTHER OUT OF SCOPE

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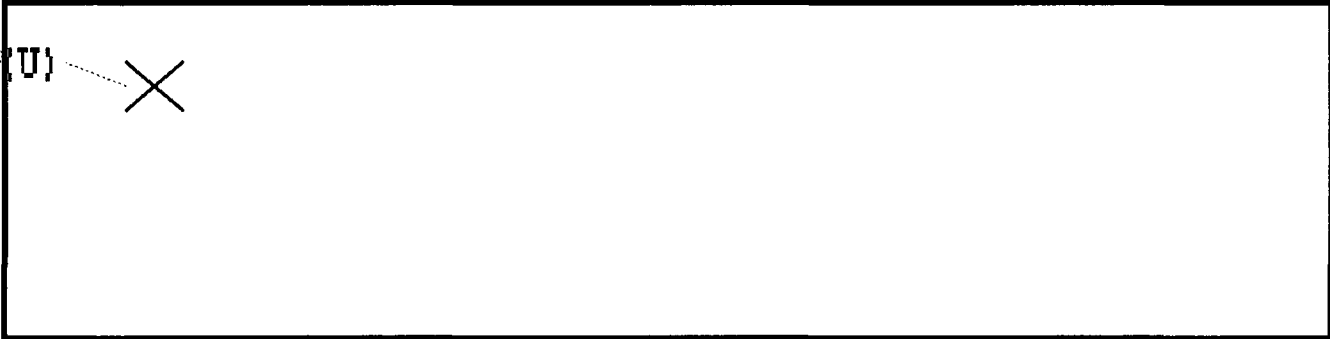
 6.4.1 RISK MANAGEMENT BOARD 19

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Project Digital Collection-04

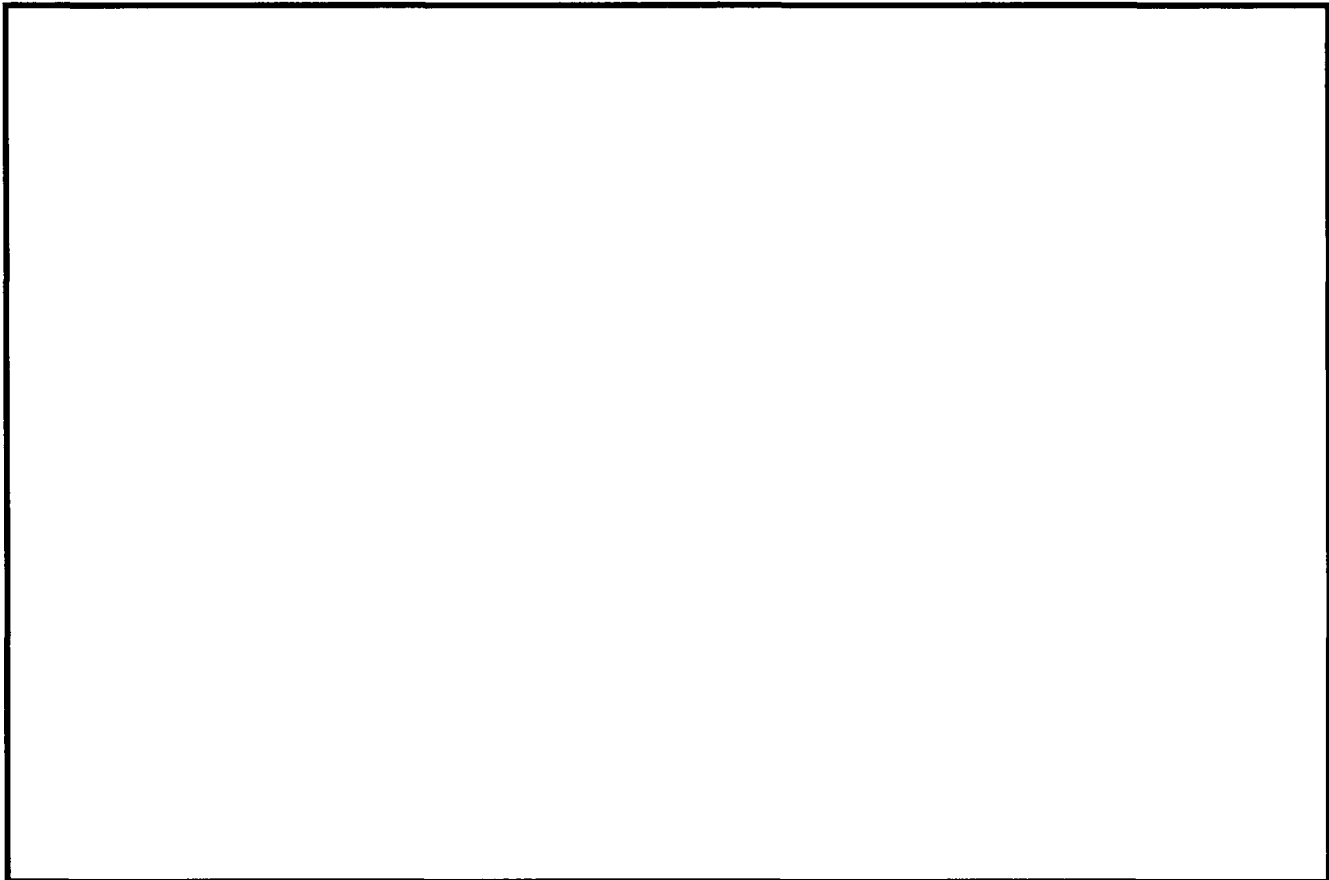
OTHER OUT OF SCOPE

Project Plan January 1, 2004



Systems being acquired under the Digital Collection Project include the DCS-5000, formerly known as [redacted] the DCS-6000, formerly known as [redacted] and the DCS-3000, an in-house system built to provide an interim solution to intercepts based on Communications Assistance to Law Enforcement Act (CALEA) inputs. The DCS-5000 and DCS-6000 systems possess similar functions and capabilities; however, the primary difference between the systems is the DCS-6000's requirement to monitor intercepted communication as it is recorded and to minimize the communication in accordance with the court order authorization.

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OTHER OUT OF SCOPE

(U) Project Digital Collection-04 will have a significant effect upon the methods by which the FBI conducts ELSUR activities and digital collection capabilities. Significant increase in the number of sites support, overall line input increases, network connectivity, and work flow management will have a very positive impact on the FBI's mission.

OTHER OUT OF SCOPE

2.0 ACQUISITION/PROCUREMENT STRATEGY

(U) X

(U) X

2.1.3 DCS-3000

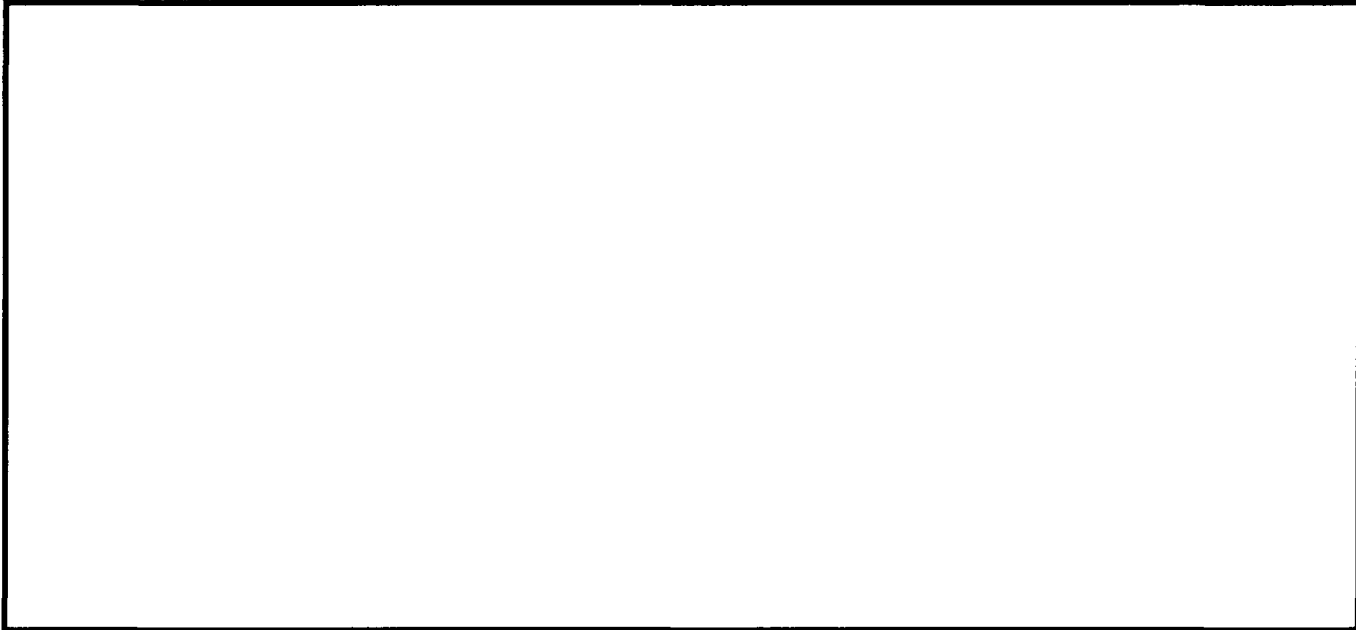
(U) ~~(S)~~ TICTU is supporting both DCS-5000 and DCS-6000 systems with an in-house product. The DCS-3000 is produced using a combination of in-house resources and contractor support research, development, production, and upgrades. Contractor support was awarded on a competitive basis to Booz-Allen-Hamilton

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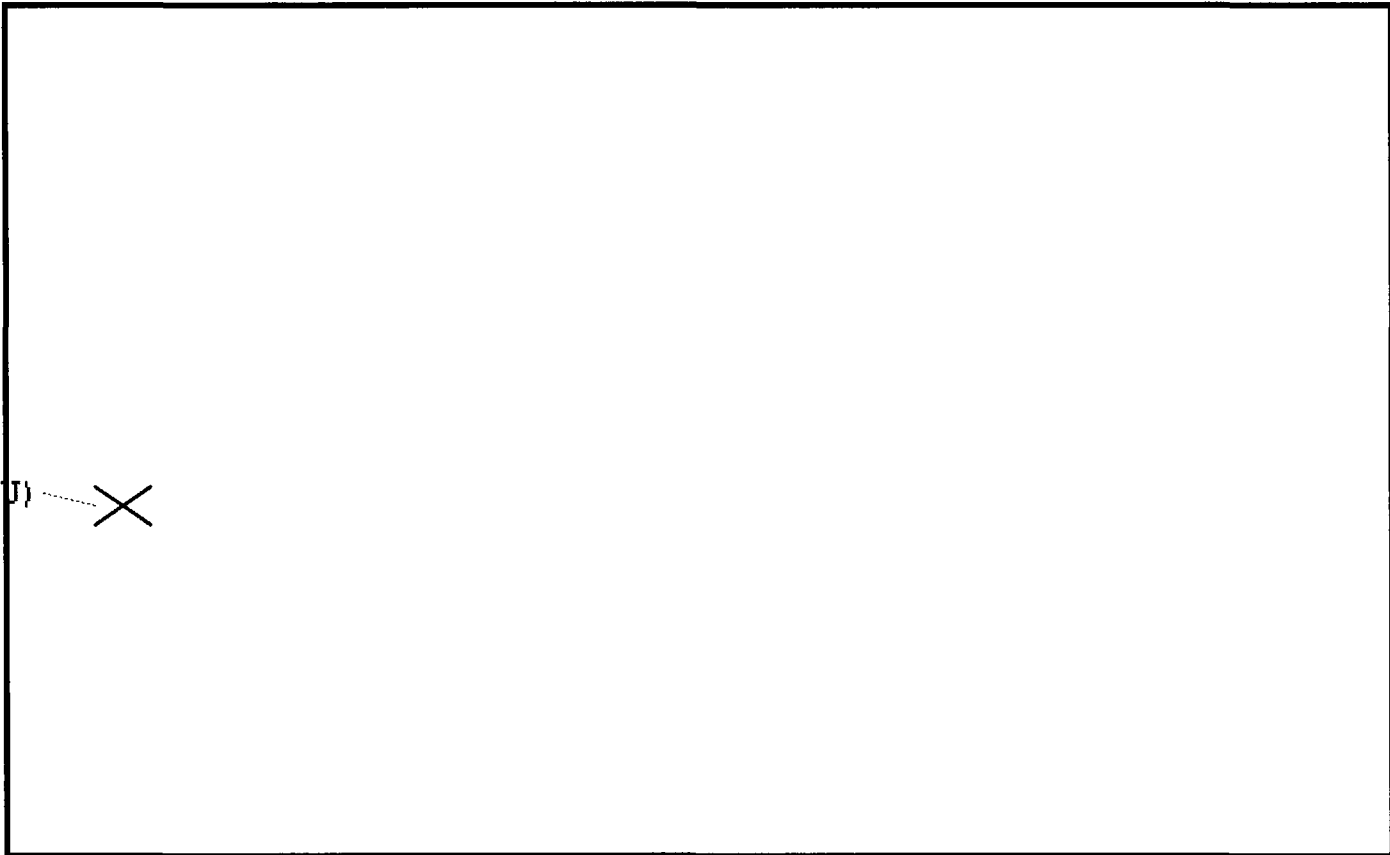
Project Digital Collection-04

Project Plan January 1, 2004



3.2 SYSTEM DESCRIPTION

The systems being implemented in Project Digital Collection-04 include DCS-6000, DCS-5000, and DCS-3000. The functional capabilities of each system are addressed in the following sections.



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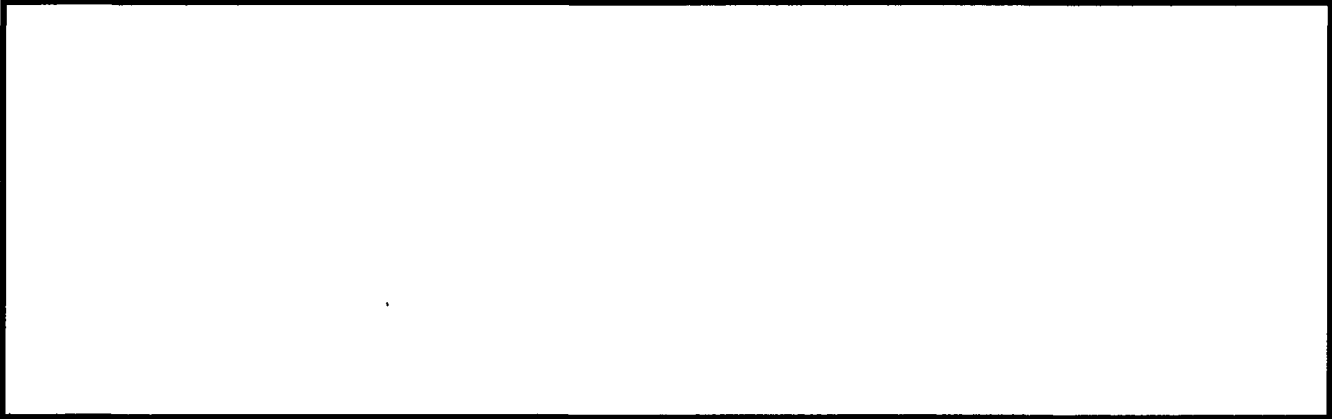
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Project Digital Collection-04

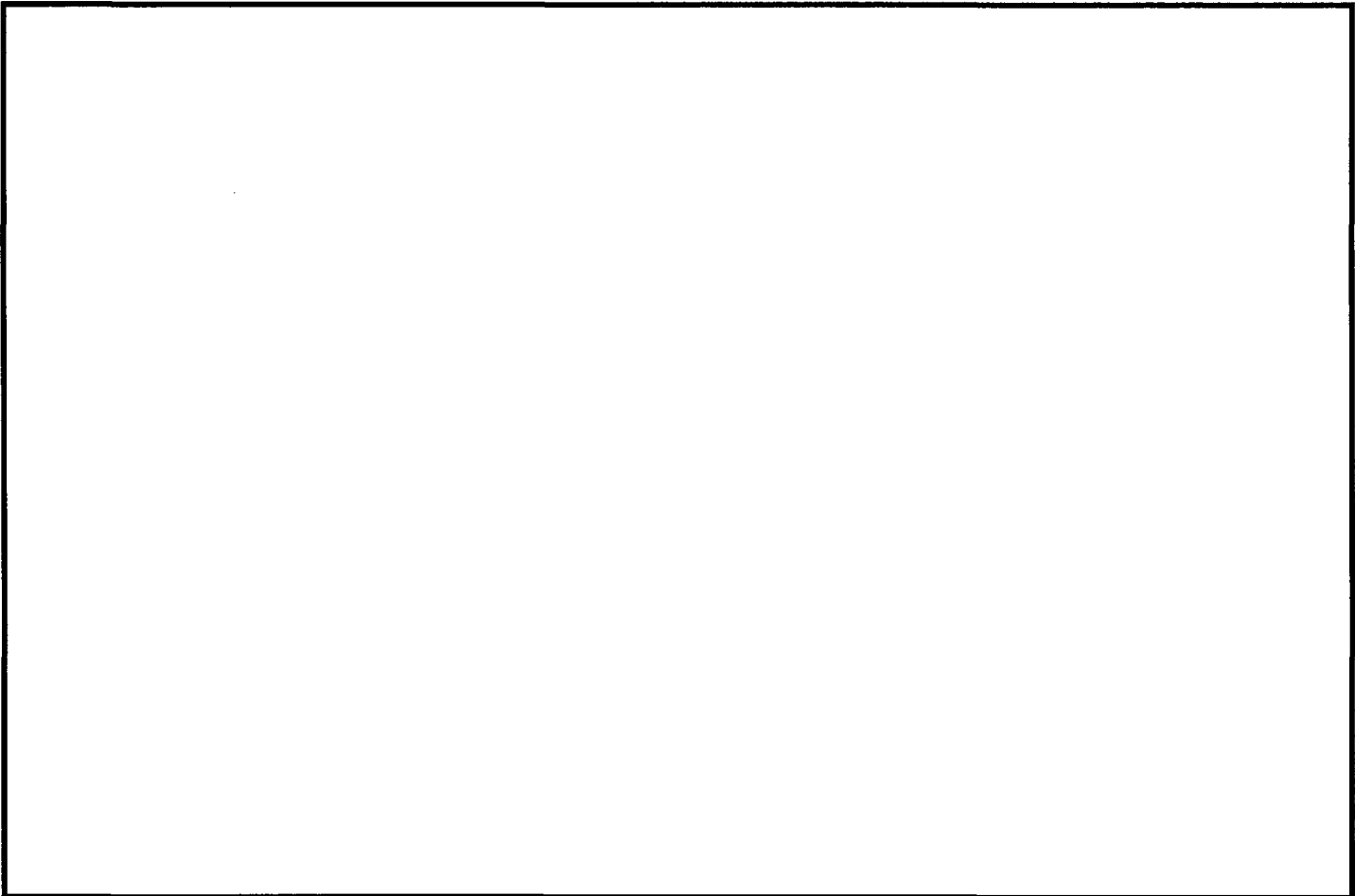
Project Plan January 1, 2004



3.2.3 DCS-3000

(U) Functional capabilities of this system include:

- Initiates connection to TSP switches
- Matches incoming Call Data Content and Call Carrier Content
- Stores and forwards capability for CALEA J-STD data



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PROJECT MANAGEMENT OFFICE - PROJECT CLOSEOUT BRIEFING

Project Title:	Digital Collection - 04		Project ID #:	18-04-0029
Unit:	TICTU	Project Leader:	EE [redacted]	Phone Ext: [redacted]
Program Manager :	SSA [redacted]	User Representative:	SSA [redacted]	
Contractor:	Raytheon		Date of Review	7/1/2005

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Project Goal/Objectives:

- (U) ~~(S)~~ **GOAL:** Continue deployment, upgrade, and improvement of automated systems that support the entire functional process of ELSUR evidence collection, processing, report generation, and presentation.
- (U) **OBJ 1:** Provide automated support to the ELSUR report generating process - MET
- (U) **OBJ 2:** Provide capabilities for the digital transmission of ELSUR collections via high-speed digital communication links, especially between Field Offices - MET
- (U) **OBJ 3:** Enhance the capabilities for efficient redaction and duplication of evidentiary media - MET
- (U) **OBJ 4:** Enhance the capabilities for filtering and signal processing of collected audio evidence - MET
- (U) **OBJ 5:** Enhance the capabilities for courtroom presentation of collected audio evidence - MET
- (U) **OBJ 6:** Maintain capability to interface with legacy inputs (analog, file formats) to ensure satisfactory outputs - MET
- (U) **OBJ 7:** Provide interoperability between sites equipped with DCS-5000 collection systems, including legacy sites -MET
- (U) **OBJ 8:** Provide network connectivity among sites connected to the Trilogy network for purpose of sharing info - MET
- (U) **OBJ 9:** Facilitate collection of CALEA-based information via the DCS-3000 - MET

Deliverables: (U) [redacted] and DCS-3000 systems were delivered per project requirements.

(U) **Project Information:** ~~(S)~~ Project Digital Collection - 04 accomplished tasks set forth in the Project Plan as part of a multi-year Digital Collection program within TICTU.

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(U) **Operational Concept:** ~~(S)~~ Digital collection systems are being deployed by TICTU in every field division, and in other locations as required by operational needs. Systems are deployed in three basic configurations: portable, transportable, and fixed. The systems are capable of standalone operations, but are normally used within a networked environment. Digital collection systems are used only for technical collection of electronic data. The data is then processed and evaluated for migration to a separate information technology system where it is analyzed, managed, and archived as case related information.

Planned Total Cost:	\$36,470,000	Actual Total Cost:	\$35,724,674	Variance:	2.16 %
----------------------------	--------------	---------------------------	--------------	------------------	--------

Cost Remarks: (U) Initial planned cost was \$34,500,000. A contract modification added \$1,970,000. Actual costs were under the adjusted planned total by \$745,326.

Planned Months:	15	Actual Months:	15	Variance:	0 %
(Start - End)	10/1/03 - 12/31/04	(Start - End)	10/1/03 - 12/31/04		

Schedule Remarks: (U) Project was completed on schedule. There were several adjustments for infrastructure build-out.

Lessons Learned: (U) Contractor effort was directly related to the oversight and attention-to-detail provided by the gov't.
(U) The initial budget for the project was \$34.5M, however an additional \$1.97M was spent in support of external customers.

Issues and Recommendations: (U) None.

PMO Remarks: (U) The Project Closeout Report was completed per OTD Standards.
(U) Achievement of Project Objectives was well described and documented. All required deliverables were received / accepted.
(U) Recommend the project's Phase 5 Review be presented by the Project Leader at a future Project Review Meeting.

UC Approved PCR:	Not signed	PMO Received:	7/1/05	PMO Reviewer (Initials):	BGF
-------------------------	------------	----------------------	--------	---------------------------------	-----

- maintain capability to interface with legacy inputs (analog, file formats, etc.) to ensure satisfactory outputs
- provide interoperability between all sites equipped with DCS-5000 collection systems, including legacy sites
- provide network connectivity among all sites connected to the Trilogy network for the purpose of sharing information
- facilitate collection of CALEA-based information via the DCS-3000

During the course of Project Digital Collection-04, all objectives were successfully met.

2.0 (U) ARCHIVED PROJECT DOCUMENTATION

(U) A number of control products were prepared over the course of the project. Actual completed products are reflected below.

Document Title	Author/ Approval Signature	Document Date/ Archive Location
Statement of Need		November 17, 2001
Project Plan		January 30, 2004 Project Ldr Files PMO Files Bureau Files
Technical Requirements Specification		November 13, 2001 Project Ldr Files PMO Files
Phase 2 Review Briefing		October 6, 2004
Project Progress (60-Day) Reports		Every 60 days/ PAMS
Project Closeout Report		July 9, 2005 Project Ldr Files PMO Files Bureau Files

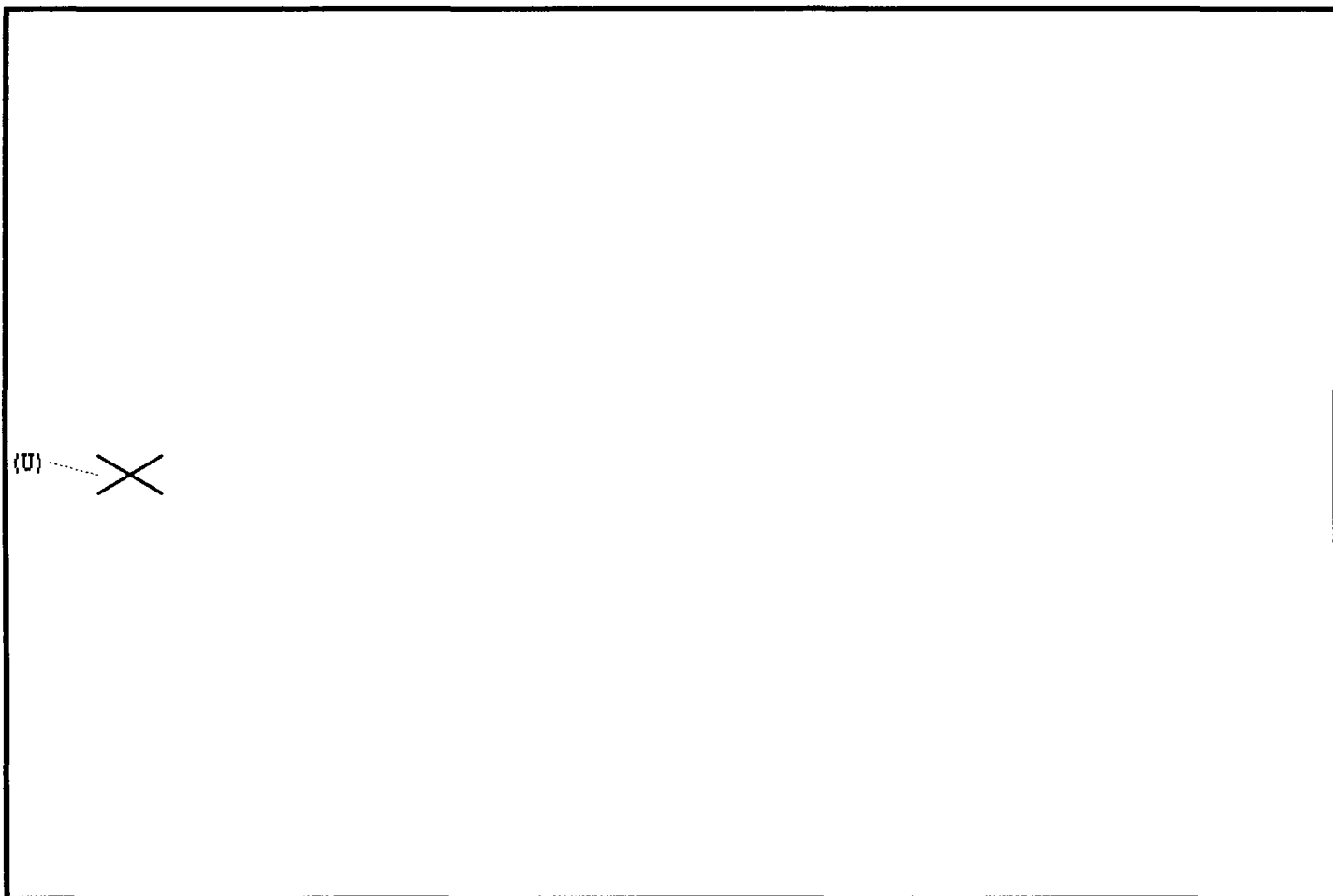
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3.0 (U) PROJECT SUMMARY

OTHER OUT OF SCOPE

3.1 (U) SYSTEM DESCRIPTION

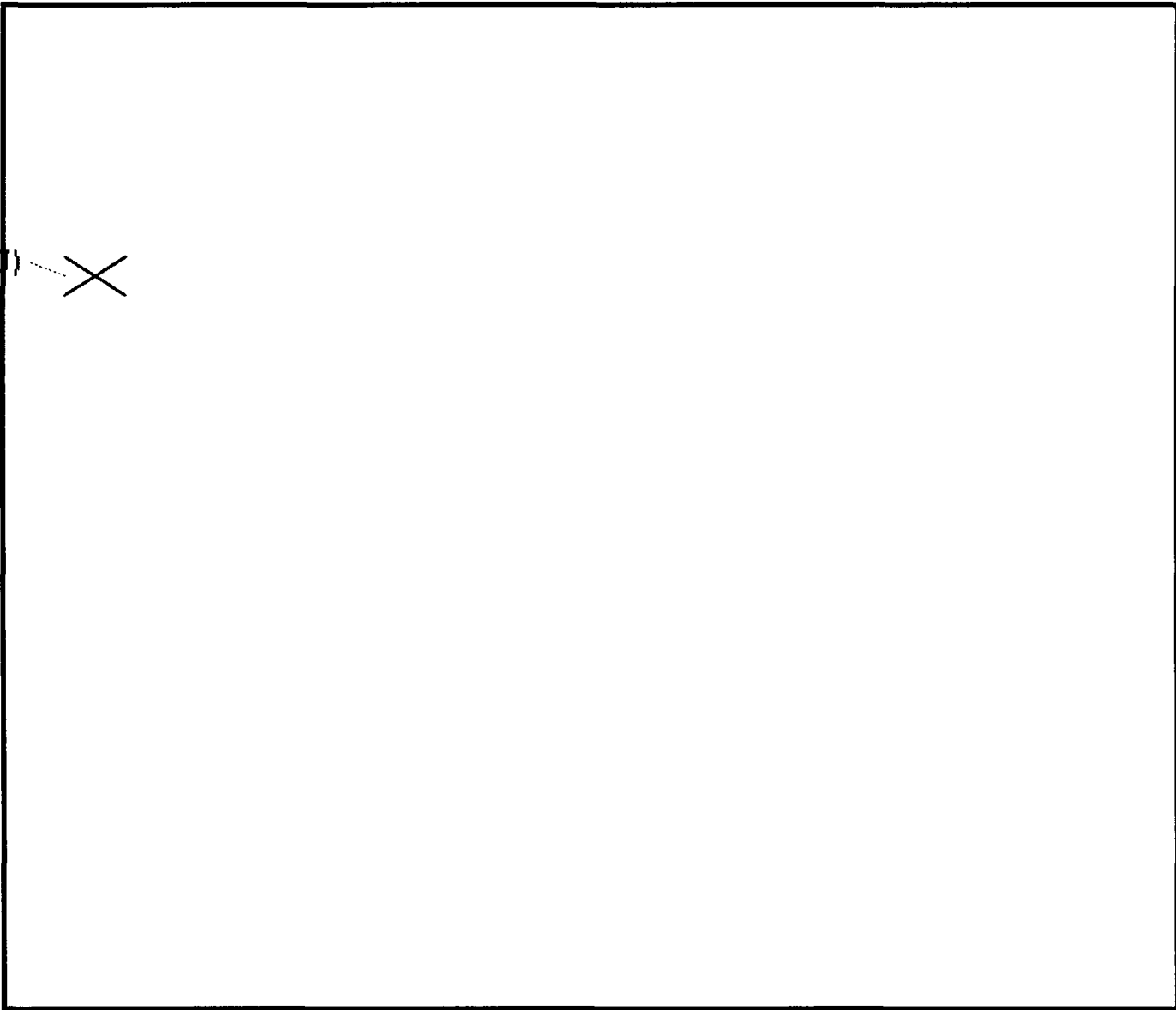
(U) The systems being implemented in Project Digital Collection-04 include DCS-6000, DCS-5000, and DCS-3000. The functional capabilities of each system are addressed in the following sections.



3.1.3 DCS-3000

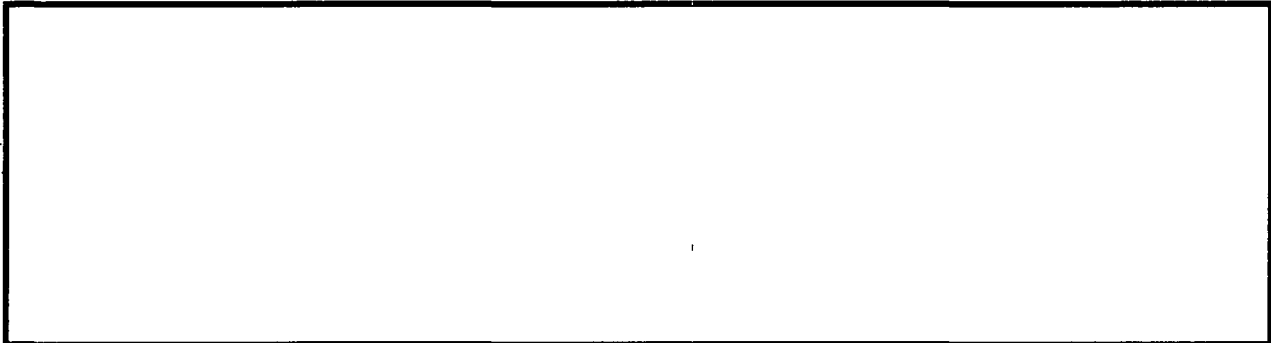
(U) Functional capabilities of this system include:

- Match incoming Call Data Content and Call Carrier Content
- Store and forward capability for CALRA J-STD data
- Initiate connection to TSP switches.



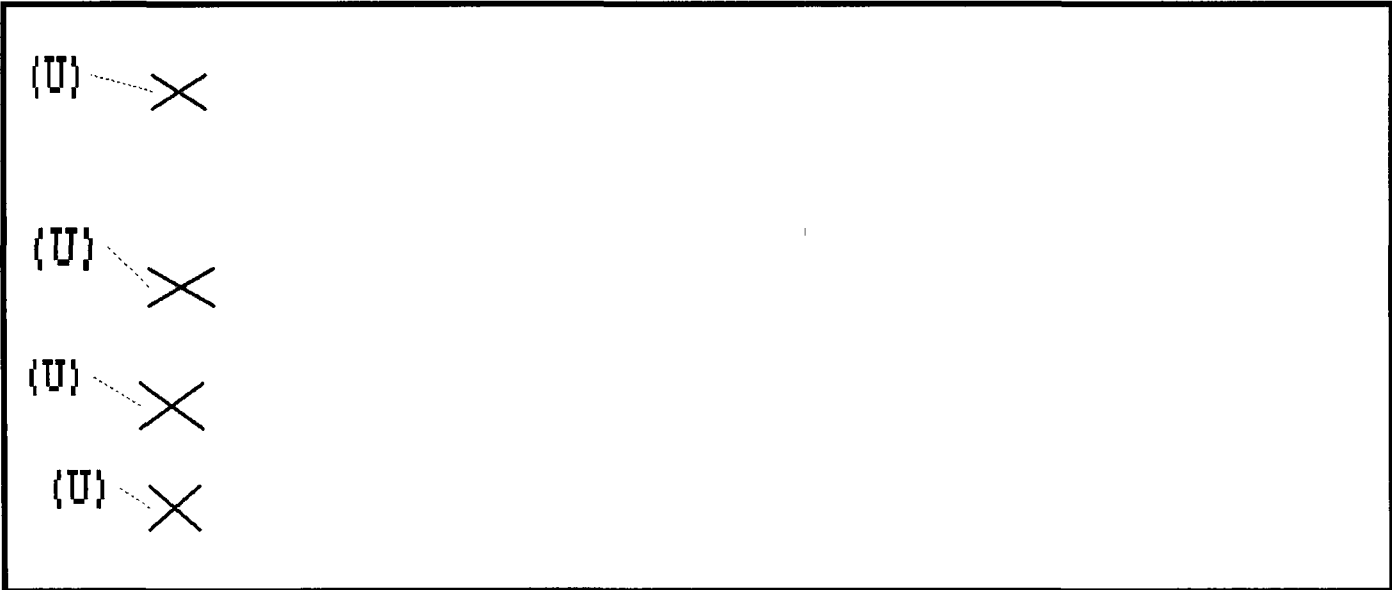
OTHER OUT OF SCOPE

Project Digital Call... Project Closeout Report July 9, 2005
OTHER OUT OF SCOPE



locat

Deliverable Item DCS-3000	Delivery Date	Current Location
1. DCS-3000 systems	See PL	Field Offices



OTHER OUT OF SCOPE

OUT OF SCOPE

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1.0 INTRODUCTION

(U)

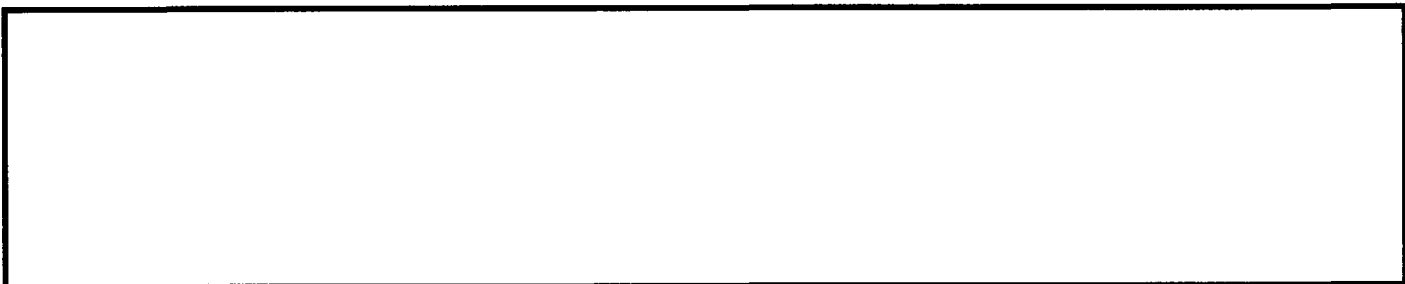
(S) Digital Collection Project supports the FBI's mission to ensure the ability of the FBI to collect evidence and intelligence through the acquisition, deployment, and support of communications interception techniques and systems to facilitate and support national security, domestic counterterrorism, and criminal investigative efforts. Systems being acquired under the Digital Collection project include the DCS-5000, formerly known as [redacted] the DCS-6000, formerly known as [redacted] and the DCS-3000, an in-house system built to provide an interim solution to intercepts based on Communications Assistance to Law Enforcement Act (CALEA) inputs. The DCS-5000 and DCS-6000 systems possess similar functions and capabilities; however, the primary difference between the systems is the DCS-6000's requirement to monitor intercepted communication as it is recorded and to minimize the communication in accordance with the court order authorization.

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(U) This Project Plan defines the detailed plan for conducting Digital Collection. To that end, this Project Plan establishes the following project elements -

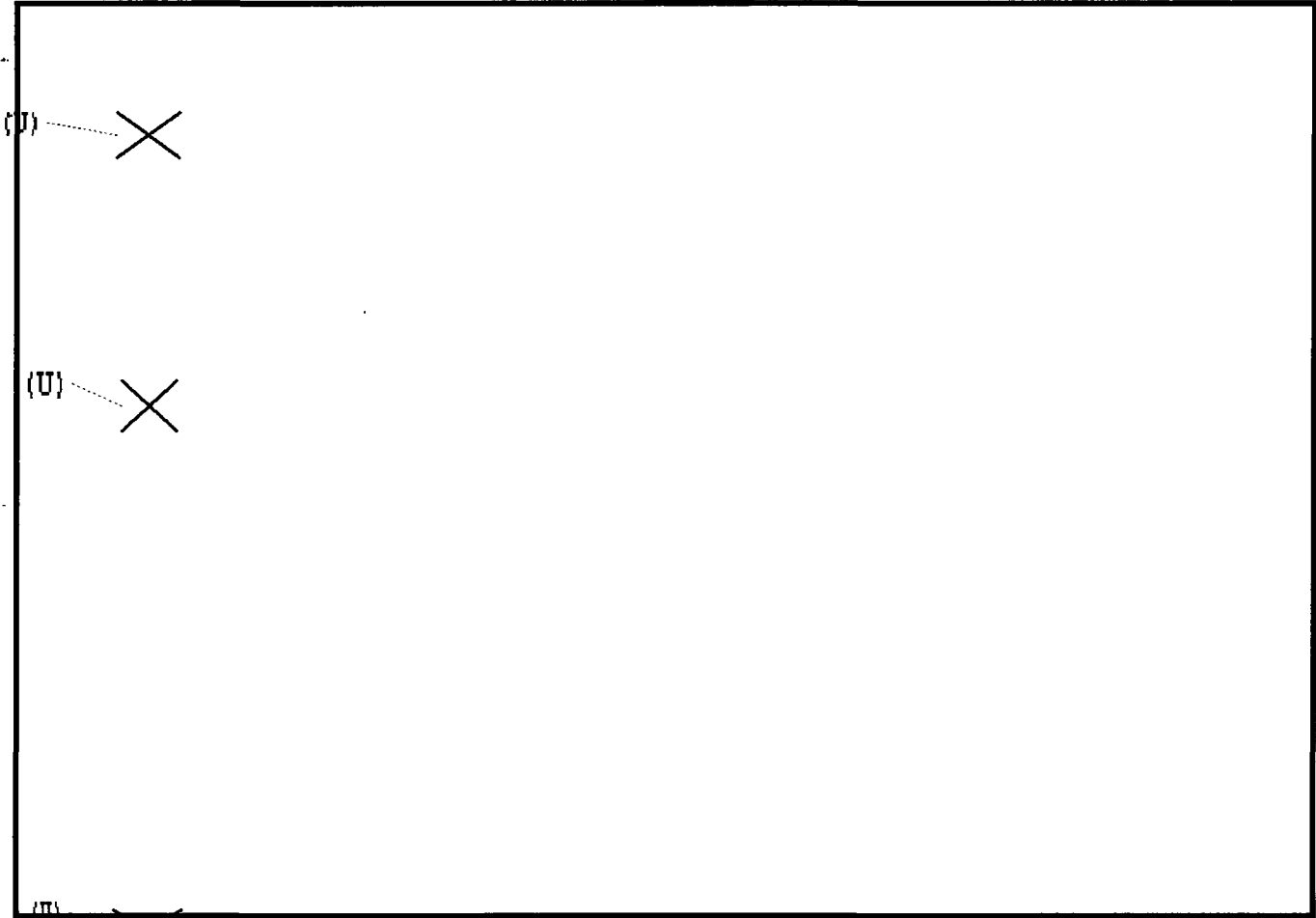
- Project objectives and project control requirements
- Management organization, responsibilities, and relationships
- Acquisition strategy
- Technical concepts
- Deployment Schedule
- Transition plan
- Training and support requirements
- Required resources
- Project schedule/milestones
- Maintenance objectives
- Ongoing technology enhancements
- Special considerations.
- Disposal of obsolete equipment

OTHER OUT OF SCOPE

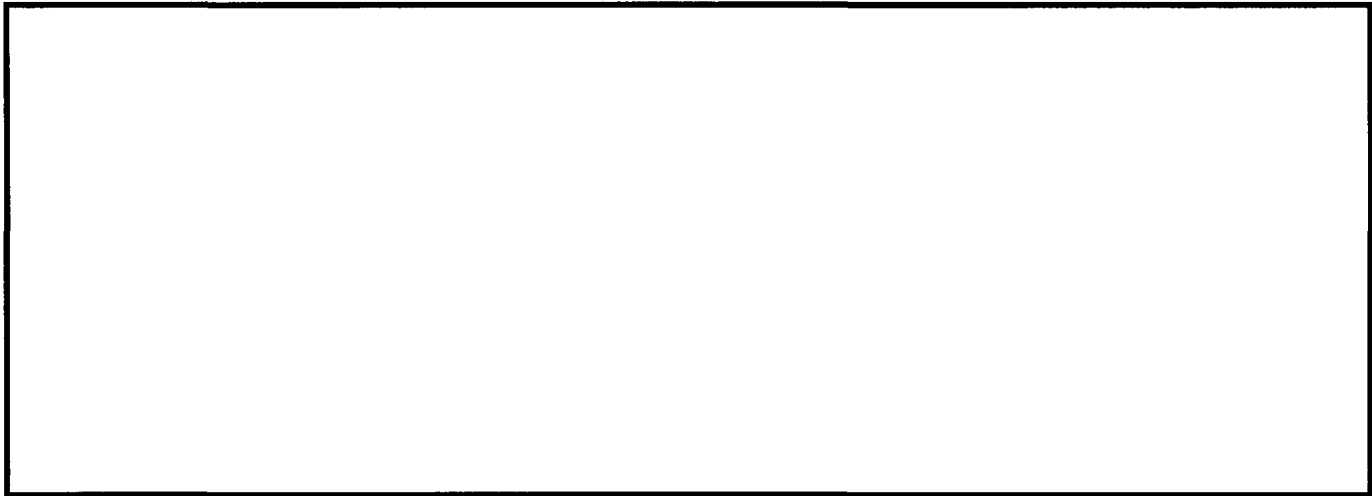


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(U) ~~(S)~~ The DCS-3000 was developed under an in-house TICTU effort and provides the ability to accept CALEA-based inputs of various telecommunications providers into acceptable formats for the DCS-5000 and DCS-6000. DCS-3000 systems, though not collection devices, are an integral, interim solution until the DCS-5000 and DCS-6000 systems are able to fully accept all telecommunication service providers' CALEA inputs.



5.3 DCS-3000

(U) Functional capabilities of this system include:

- Matches incoming Call Data Content and Call Carrier Content
- Stores and forwards capability for CALEA [] data
- Initiates connection to [] switches

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5.3 SYSTEM-LEVEL REQUIREMENTS

(U) Systems requirements are identified and detailed in the Functional requirements Documents for each system.

6.0 FINANCIAL SUMMARY

6.1 PROJECT FUNDING PROFILE

(U) ~~(S)~~ TABLE 6-1.1

SUMMARY OF SPENDING FOR PROJECT STAGES									
(In Millions)									
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY-1 and Earlier	PY	CY	BY	BY+1	BY+2	BY+3	BY+4&	Total
		2003	2004	2005	2006	2007	2008	Beyond	
Planning:									
Budgetary Resources	5.260	1.505	1.505	1.505	1.505	1.505	1.505	1.505	5.260
Outlays	5.260	1.900	0.000	0.000	0.000	0.000	0.000		7.160
Acquisition:									
Budgetary Resources	75.505	32.500	30.560	29.740	29.360	28.920	28.420	15.083	280.623
Outlays	75.505	20.423	0.000	0.000	0.000	0.000	0.000		95.928
Total, sum of stages:									
Budgetary Resources	80.765	34.005	32.065	31.245	30.865	30.425	29.925	16.588	285.883
Outlays	80.765	22.323	0.000	0.000	0.000	0.000	0.000		103.088
Maintenance:									
Budgetary Resources	8.780	5.185	7.125	7.945	8.325	8.765	9.265	11.960	67.350
Outlays	8.780	4.050	0.000	0.000	0.000	0.000	0.000		12.830
Total, All Stages:									
Budgetary Resources	89.545	39.190	39.190	39.190	39.190	39.190	39.190	28.548	353.233
Outlays	89.545	26.373							115.918
Government FTE Costs	2.380	1.190	3.096	3.096	3.096	3.096	3.096	3.096	22.146

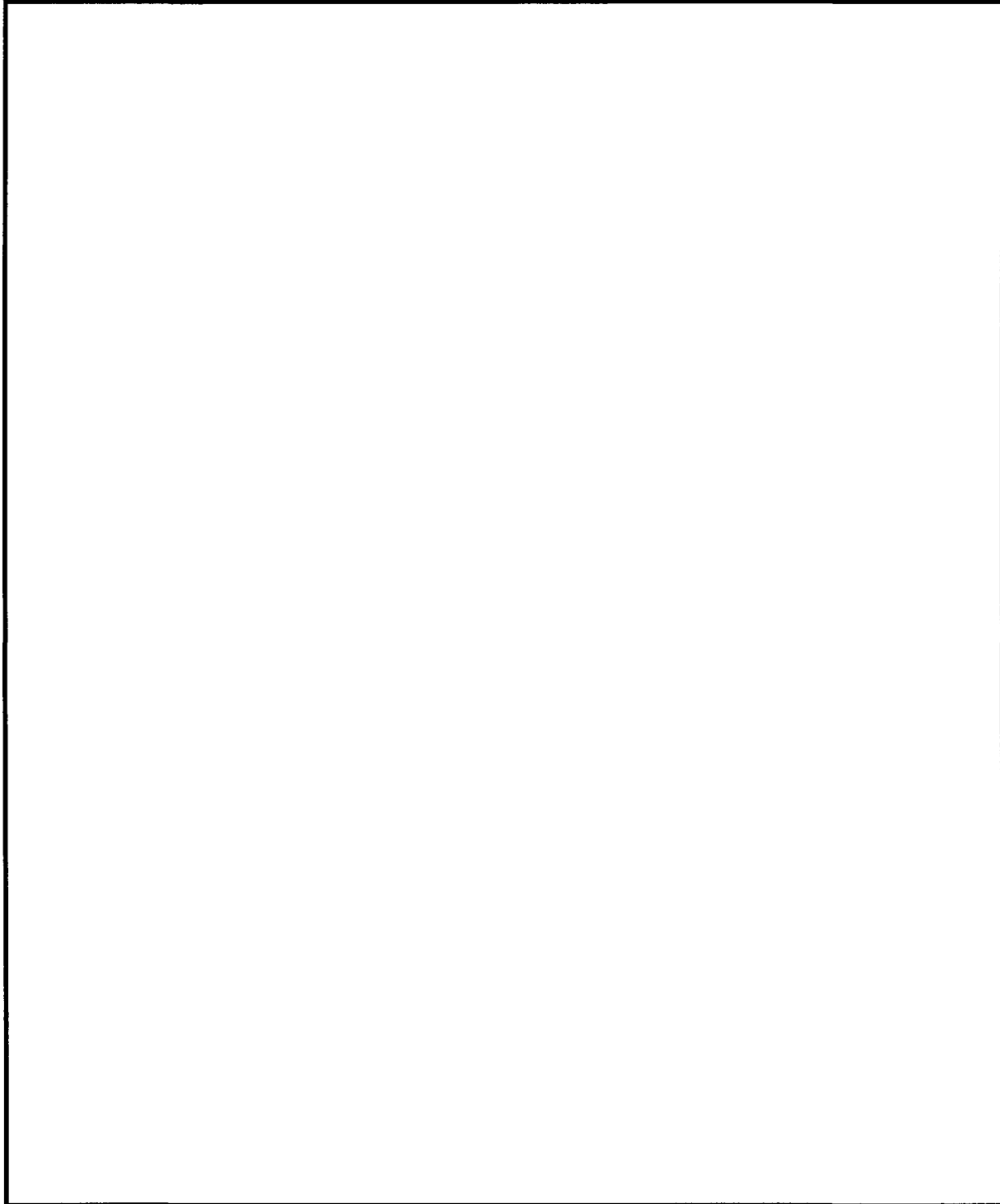
(U) ~~(S)~~

OTHER OUT OF SCOPE

258-HQ-1045581

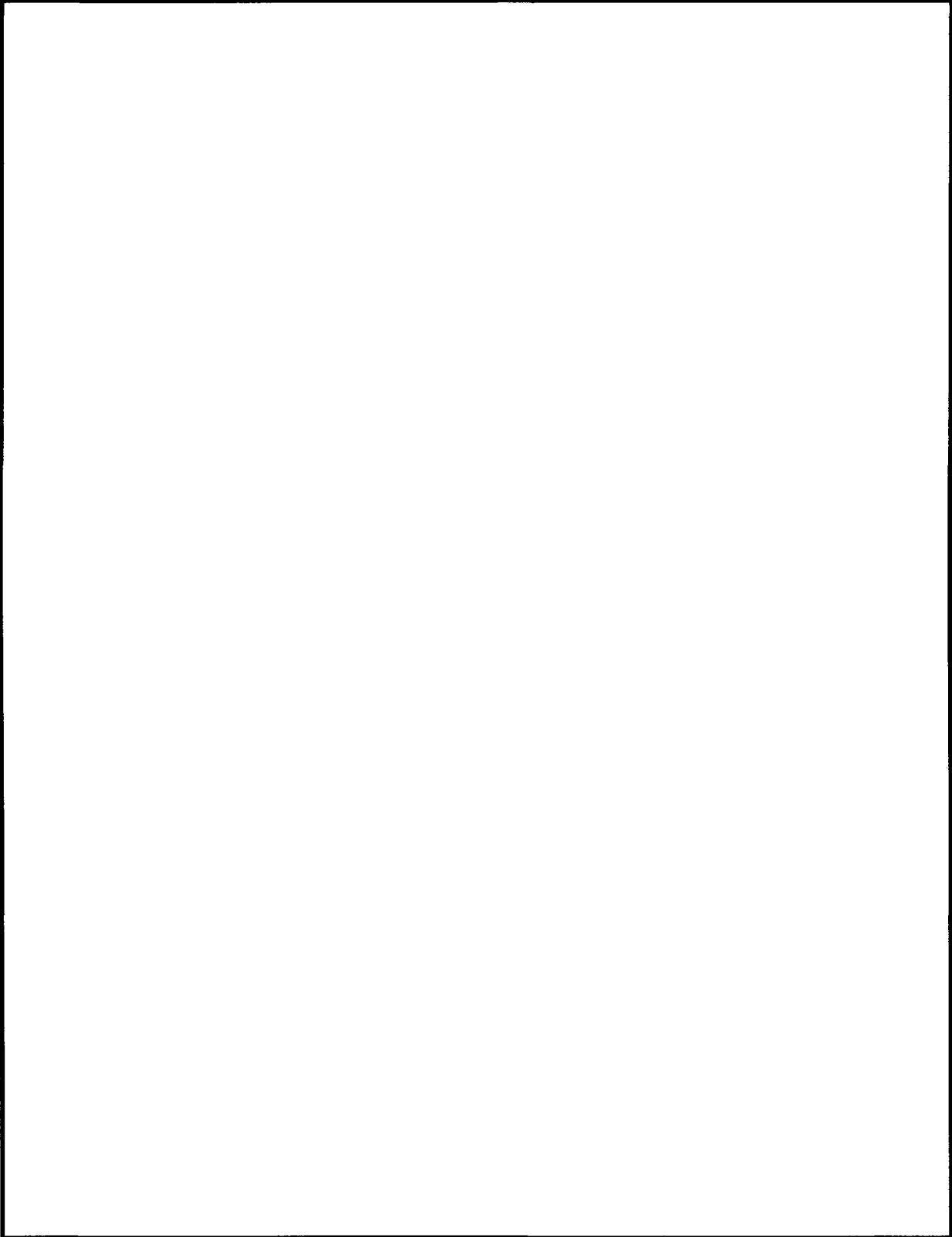
OUT OF SCOPE Digital Collection Project Plan

**DIS Workstation Software Installation Instructions for
Ver 3.14
Using JAZ Platter**



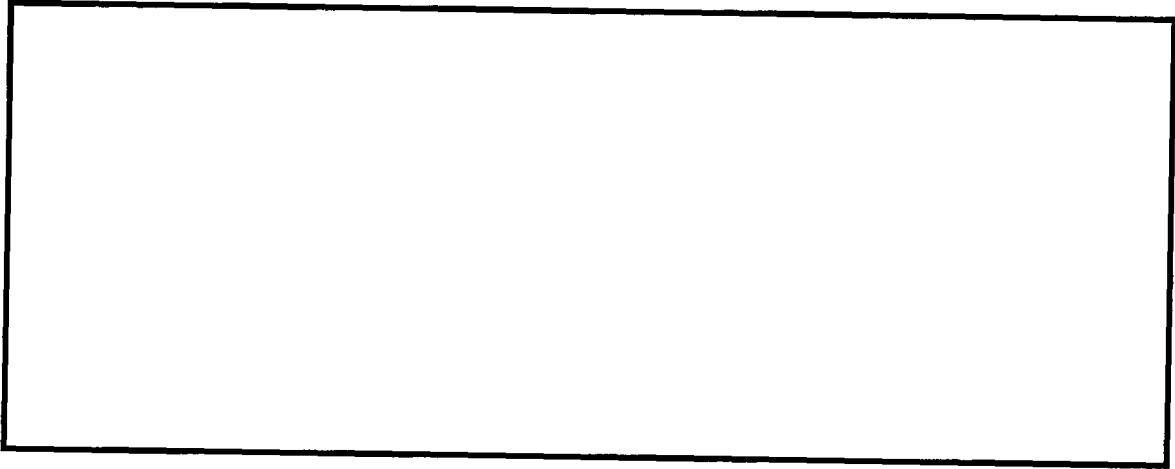
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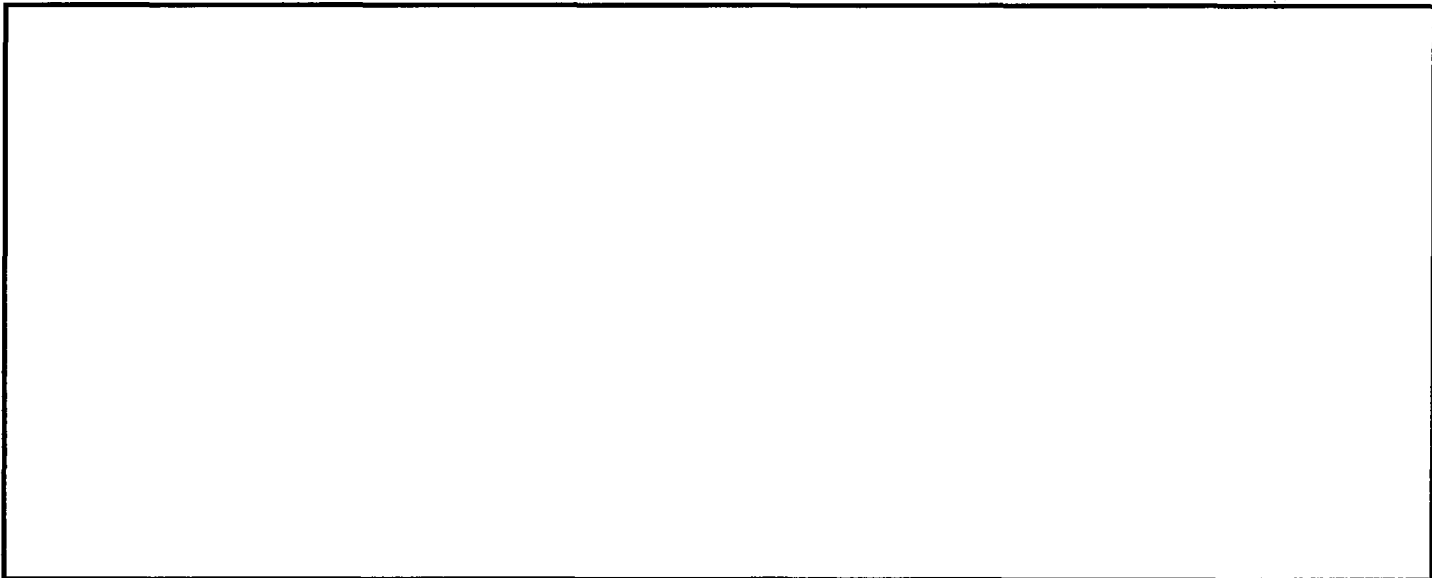
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Digital Collection-03 Report History

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Project Number: 18-03-0089	File Number: 268-HQ-1045581	Type: Project	
Section: Electronic Surveillance Technology Section	Unit: Telecom Intercept & Collection Technology Unit		b6
Program Manager: [Redacted]	Phone: (703) [Redacted]	Program: ELSUR	b7C
Sponsor: [Redacted]	Phone: [Redacted]	User Organization: TICTU,	
Project Leader: [Redacted]	Phone: (703) [Redacted]	Stakeholders: [Redacted]	
Contractor: Raytheon, Falls Church, VA	Contract:	PO/Task:	OTHER OUT OF SCOPE
Planned Total Cost: \$38,000,000.00	Original Planned Cost: \$38,000,000.00		
Start Date: 10/1/2002	Scheduled Completion: 12/31/2003	Original Planned Completion: 9/30/2003	

Goal: (U) To deploy an automated system that supports the entire functional process of ELSUR evidence collection, processing, report generation, and presentation.



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	\$0.00	Yes	No
--	--------	-----	----

(U) Acquisition constraints have been successfully resolved permitting the award of contracts for supporting maintenance (Dedicated Contractor Support Program) and DCS-3000 support; FY03 funding will be applied to these contracts. The requirement to collect CALEA-based information will have an impact on technical and cost aspects of the project as regional telecommunication service providers implement CALEA, especially if their implementation strategy diverges from the

10/14/2004

					original direction anticipated by the project.
	\$38,000,000.00	\$38,000,000.00	\$30,064,329.00	\$10,064,326.00	(U) Digital Collection systems are procured from Raytheon Systems Company (DCS-5000) and JaTom Systems Inc. (DCS-6000); additional equipment is being provided from the DCS-3000 project for Communications Assistance for Law Enforcement Act (CALEA) compliance. This summary provides the combined, accumulated costs in support of these efforts. Planned cumulative cost-to-date is \$30,064,329. Actual costs-to-date lag estimated costs due to the number of invoices received - primarily from collection system manufacturers. It is anticipated that the completion of actual cumulative costs to date will lag project completion by several months.
12/1/2003		12/31/2003		12/31/2003	(U) 50 FISA systems and 29 CLE systems have been installed since the beginning of FY 2003. Due to the delayed approval of the FY 2003 budget, scheduled installations have been shifted. Some FISA installations planned for FY 2003 will be performed in the 1st quarter of FY 2004. Project is on schedule.
	\$0.00		Yes	No	(U) Acquisition constraints have been successfully resolved permitting the award of contracts for supporting maintenance (Dedicated Contractor Support Program) and DCS-3000 support; FY03 funding will be applied to these contracts. The requirement to collect CALEA-based Information will have an impact on technical and cost aspects of the project as regional telecommunication service providers implement CALEA, especially if their implementation strategy diverges from the original direction anticipated by the project.
2/1/2004	\$38,000,000.00	\$38,526,958.00	\$38,000,000.00	\$11,769,805.00	(U) Digital Collection systems are procured from Raytheon Systems Company (DCS-5000) and JaTom Systems Inc. (DCS-6000); additional equipment is being provided from the DCS-3000 project for Communications Assistance for Law Enforcement Act (CALEA) compliance. This summary provides the combined, accumulated costs in support of these efforts. Planned cumulative cost-to-date is \$38,000,000. Additional requirements for the installation of collection systems, primarily system configuration changes, increased planned systems cost. Actual costs-to-date lag estimated costs due to the number of invoices received - primarily from collection system manufacturers. The completion of actual cumulative costs to date will lag project completion by several months.
		12/31/2003		12/31/2003	(U) 55 FISA systems and 29 CLE systems have been installed since the beginning of FY 2003.
	\$0.00		Yes	No	(U) None
4/1/2004	\$38,000,000.00	\$38,526,958.00	\$38,000,000.00	\$11,769,805.00	(U) Digital Collection systems are procured from Raytheon Systems Company (DCS-5000) and JaTom Systems Inc. (DCS-6000); additional equipment is being provided from the DCS-3000 project for Communications Assistance for Law Enforcement Act (CALEA) compliance. This summary provides the combined, accumulated costs in support of these efforts. Planned cumulative cost-to-date is \$38,000,000. Additional requirements for the installation of collection systems, primarily system configuration changes, increased planned systems cost. Actual cost-to-date: \$11,769,805. Actual costs-to-date lag estimated costs due to the number of invoices received - primarily from collection system manufacturers. The completion of actual cumulative costs to date will lag project completion by several months.
		12/31/2003		3/31/2004	(U) 55 FISA systems and 29 CLE systems have been installed since the beginning of FY 2003.
	\$0.00		No	No	(U) Delivery of scheduled systems and services for FY 2003 completed March 2004 in accordance with adjusted requirements. Project closeout being requested for April.
6/1/2004	\$38,000,000.00	\$38,526,958.00	\$38,000,000.00	\$15,100,863.00	(U) Digital Collection systems are procured from Raytheon Systems Company (DCS-5000) and JaTom Systems Inc. (DCS-6000); additional equipment is being provided from the DCS-3000 project for Communications Assistance for Law Enforcement Act (CALEA) compliance. This summary provides the combined, accumulated costs in support of these efforts. Planned cumulative cost-to-date is \$38,000,000. Additional requirements for the installation of collection systems, primarily system configuration changes, increased planned systems cost. Actual cost-to-date: \$15,100,863. Actual costs-to-date lag estimated costs due to the number of invoices received - primarily from collection system manufacturers. The completion of actual cumulative costs to date will lag project completion by several months.
		12/31/2003		3/31/2004	(U) 57 FISA systems and 29 CLE systems have been installed since the beginning of FY 2003.
	\$0.00		No	No	(U) Delivery of scheduled systems and services for FY 2003 completed March 2004 in accordance with adjusted requirements. Project closeout being scheduled for June.
					(U) Digital Collection systems are procured from Raytheon Systems Company (DCS-5000) and JaTom Systems Inc. (DCS-6000); additional equipment is being provided from the DCS-3000

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FIOA Request - Red Hook and DCS 3000

The DCS 3000 references are in Classified - SECRET project documents that also reference other sensitive systems and as a result should be carefully reviewed before being released.

The attached RMS requests have references to Red Hook and DCS 3000. These requests include sensitive case specific and investigative information and as a result should be carefully reviewed before being released.

Yellow tabs indicate areas where Red Hook or DCS 3000 are mentioned.

- TMSU

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OW 06-26-2007

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SEPARATED FROM
CLASSIFIED ENCLOSURES

~~SECRET~~

FEDERAL BUREAU OF INVESTIGATION
REQUISITION FOR SUPPLIES AND/OR EQUIPMENT

E003864

Req. #

September 12, 2006

Date

TICTU/1822

Ordering Office/Cost Code

/ Marcus C. Thomas

Approved By

Julian Date

Supply Technician:

Program Manager:

Funding Approved:

Requester:

COTR:

	ERF-E/703-985-1279
	ERF-E/703-985-1279

Contract Specialist:

Date Received:

PPMS Approval:

Purchase Order #

	06
	07C

FY 2007

ITEM #	NATIONAL STOCK NUMBER	SER. #	FULL DESCRIPTION	UNIT OF ISSUE	QTY.	SUBJECT CLASS.	BI#	UNIT PRICE	TOTAL
1			Engineering Services	ea	1	552580	IC	\$207,784.27	\$207,784.27
2			Engineering Services	ea	1	552580	JM	\$1,792,920.47	\$1,792,920.47
3			Engineering Services/Travel ODC	ea	1	552580	JM	\$300,000.00	\$300,000.00
4			ODC Equipment	ea	1	573180	JM	\$50,000.00	\$50,000.00

Requisition Description:

DCS3000 Engineering services

Period of Performance: May 1, 2007 through April 30, 2008

Suggested Vendor:

Booz Allen & Hamilton, Inc
8283 Greensboro Drive
McLean, VA 22102-3838

DCS 3000

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SPECIAL INSTRUCTIONS:

Ship to Code: TSQ-ERF
 Delivery Instructions: M-F, 8am-4:30pm, except holidays
 Government's Estimate: \$ 2,350,704.74
 Previous PO #: A6G604112
 Previous Contract #: GS09K99BHD0002

JUSTIFICATION FOR THE PURCHASE OF NONEXPENDABLE ITEMS:

See attached EC
 SIT2011C \$207,784.27
 SIT2011JM \$2,092,920.47
 SIT1011JM \$50,000

FEDERAL BUREAU OF INVESTIGATION
 REQUISITION FOR SUPPLIES AND/OR EQUIPMENT

E003868

Req. #

September 13, 2006

Date

TICTU/1822

Ordering Office/Cost Code

/ Marcus C. Thomas

Approved By

Jib 5 Date

1670

Supply Technician:

Program Manager:

Funding Approved:

Requester:

COTR:

[Redacted] _____
 [Redacted] _____
 [Redacted] ERF/E/703-985-1279 _____
 [Redacted] ERF/703-632-6610 _____

Contract Specialist:

Date Received:

PPMS Approval:

Purchase Order #

[Redacted] _____

FY 2007

ITEM #	NATIONAL STOCK NUMBER	SER. #	FULL DESCRIPTION	UNIT OF ISSUE	QTY.	SUBJECT CLASS.	BI#	UNIT PRICE	TOTAL
1			Contract J-FBI-03-149 Task 3 Wireless Collection Support	ea	1	552580	JM	\$150,000.00	\$150,000.00
2			Contract J-FBI-03-149 Task 3 Wireless Collection Support	ea	1	552580	IC	\$110,000.00	\$110,000.00

Requisition Description:

DCS3000 Continued Engineering Services

Suggested Vendor:

BAE Systems
 8283 Greensboro Drive
 McLean, VA 22102-3838

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SPECIAL INSTRUCTIONS:

Ship to Code: TSQ-ERF
 Delivery Instructions: M-F, 8am-4:30pm, except holidays
 Government's Estimate: \$ 260,000.00
 Previous PO #: A6G604112
 Previous Contract #: GS09K99BHD0002

JUSTIFICATION FOR THE PURCHASE OF NONEXPENDABLE ITEMS:

See attached EC
 SIT2011C \$150,000
 SIT2011JM \$110,000

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Red Hook

Project Number: 7-97-0024 **File Number:** 268-HQ-1001725 **Type:** Project
Section: Digital Evidence Section **Unit:** Data Intercept Technology Unit
Program Manager: **Phone:** **Program:**
Sponsor: **Phone:** **User Organization:** EST-4
Project Leader: [Redacted] **Phone:** [Redacted] **Planned Total Cost:** \$1,310,000.00 **Original Planned Cost:** \$700,000.00 **Final Cost:** \$1,180,000.00
Start Date: 6/1/1997 **Scheduled Completion:** 9/30/1999 **Original Planned Completion:** 11/30/1998
Complete Date: 9/30/1999

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Goal: (U) To develop ISDN intercept system and PC-PDU.

FUNDING HISTORY						
Fiscal Year	Budget Item	Requisition/Line	Purchase Order/Line	Spending Codes	Amount	Remove Funding Item
No funding recorded.						

CONTRACT MANAGEMENT MEETINGS	
Date	Type
No meetings recorded.	

CONTROL PRODUCTS	
Product	Date Signed
SON	2/1/1997
ICP	7/4/1976
TP	10/29/1999
TR	1/29/1999
PCR	

PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Scheduled:	6/1/1997				9/30/1999
Completed:					

To View, Add or Edit Lessons Learned for this project, click on the "View Lessons Learned" button below.

To View, Add or Edit Risk Management for this project, click on the "View Risk" button below.

You have the following options for this project:

1. You can view a list of all previously submitted bimonthly progress reports - [History](#)
2. You can view a report of the latest progress data with a graphic cost history - [Snapshot](#)

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Red Hook Report History

Project Number: 7-97-0024	File Number: 268-HQ-1001725	Type: Project
Section: Digital Evidence Section	Unit: Data Intercept Technology Unit	
Program Manager:	Phone:	Program:
Sponsor:	Phone:	User Organization: EST-4
Project Leader: [REDACTED]	Phone: [REDACTED]	b6 b7c
Planned Total Cost: \$1,310,000.00	Original Planned Cost: \$700,000.00	
Start Date: 6/1/1997	Scheduled Completion: 9/30/1999	Original Planned Completion: 11/30/1998

Goal: (U) To develop ISDN intercept system and PC-PDU.

Report Date*	Planned Total	ECAC	Planned CTD	Actual CTD	Cost Remarks
	Scheduled Completion		Projected Completion		Schedule Remarks
	Total Funding		On Schedule?	Intervention Required?	Key Issues
2/1/1998	\$700,000.00	\$700,000.00	\$233,000.00	\$233,000.00	(U) Project costs were redefined to cover only the \$700,000 costs to develop the PC-PDU.
	9/30/1999		11/30/1998		Project schedule was redefined to cover only the period to develop the PC-PDU. The TRS in 2/98 will indicate the planned features.
	\$0.00		Yes	No	None.
4/1/1998	\$700,000.00	\$700,000.00	\$483,000.00	\$483,000.00	(U) Project costs to develop the PC-PDU.
	9/30/1999		11/30/1998		Project schedule to develop the PC-PDU
	\$0.00		Yes	No	None.
6/1/1998	\$1,310,000.00	\$1,310,000.00	\$536,000.00	\$536,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes.
	9/30/1999		10/31/1998		None.
	\$0.00		Yes	No	CRB approved the PC-PCU Build-out funding and case support.
8/1/1998	\$1,310,000.00	\$1,310,000.00	\$860,000.00	\$860,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes.
	9/30/1999		10/31/1998		None.
	\$0.00		Yes	No	Acceptance testing is tentatively scheduled for the month of October.
10/1/1998	\$1,310,000.00	\$1,310,000.00	\$980,000.00	\$980,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes.
	9/30/1999		12/31/1998		Project closeout moved up one month. Awaiting acceptance testing date. Completion date moved to 12/98.
	\$0.00		Yes	No	Acceptance testing is tentatively scheduled for the month of October.
12/1/1998	\$1,310,000.00	\$1,310,000.00	\$1,100,000.00	\$1,100,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes.
	9/30/1999		12/31/1998		Acceptance testing complete. RedHook System passed.
	\$0.00		Yes	No	The test report is the next piece of documentation to be completed.
2/1/1999	\$1,310,000.00	\$1,310,000.00	\$1,160,000.00	\$1,160,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes. Remaining funds to be applied to specified enhancements.
	9/30/1999		9/30/1999		Acceptance testing complete - Test Report done in January. RedHook System passed - development is complete. Period of performance extended to 9/99 to use remaining funds on developing specific enhancements. PCR will come after the project closes out in September.
	\$0.00		Yes	No	The PCR is the next piece of documentation to be completed.

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4/1/1999	\$1,310,000.00	\$1,310,000.00	\$1,180,000.00	\$1,180,000.00	(U) CRB OK'd new funding for case support and pre-production prototypes.
	9/30/1999		9/30/1999		No changes.
	\$0.00		Yes	No	The Test Report is complete.
6/1/1999	\$1,310,000.00	\$1,180,000.00	\$1,180,000.00	\$1,180,000.00	(U) Funding complete. New monies will be allocated for a limited pre-production.
	9/30/1999		9/30/1999		(U) No changes.
	\$0.00		Yes	No	(U) A pre-production run is coming in the next 90 days. A foreign country is buying two systems.

*Click on the report date to view a single report

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11/7/2006

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PROJECT PROGRESS REPORT

Red Hook			
Section/Unit	Project Number	File Number	Report Date
DES/DITU	7-97-0024	268-HQ-1001725	2/1/1998
Program Manager/Phone	Sponsor/Phone	Leader/Phone	
Program	User Organization	Contractor	Contract/Task
	EST-4		
PROJECT GOAL			
(U) To develop ISDN intercept system and PC-PDU.			
COST SUMMARY			
Planned Cumulative Cost To Date:	\$233,000.00	Planned Total Cost:	\$700,000.00
Actual Cumulative Cost To Date:	\$233,000.00	Estimated Cost At Completion:	\$700,000.00
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%
(U) Project costs were redefined to cover only the \$700,000 costs to develop the PC-PDU.			
FUNDING HISTORY			
No funding recorded.			
SCHEDULE DATA			
Start Date:	6/1/1997	Projected Completion Date:	11/30/1998
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	35.72%
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes
Contract Management Meetings:	No meetings recorded.		
Project schedule was redefined to cover only the period to develop the PC-PDU. The TRS in 2/98 will indicate the planned features.			
CONTROL PRODUCT SUMMARY			
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete			
PHASE REVIEWS			
Phase:	One	Two	Three
Date Scheduled:	6/1/1997		
Date Completed:			
KEY ISSUES	Section Chief Intervention Required?		No
None.			

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	4/1/1998		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$483,000.00	Planned Total Cost:	\$700,000.00		
Actual Cumulative Cost To Date:	\$483,000.00	Estimated Cost At Completion:	\$700,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) Project costs to develop the PC-PDU.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	11/30/1998		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	35.72%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings:	No meetings recorded.				
Project schedule to develop the PC-PDU					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
None.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	6/1/1998		
Program Manager / Phone		Sponsor / Phone	Leader / Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$536,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$536,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	10/31/1998		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	39.25%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings:	No meetings recorded.				
None.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?				No
CRB approved the PC-PCU Build-out funding and case support.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	8/1/1998		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$860,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$860,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	10/31/1998		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	39.25%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings:	No meetings recorded.				
None.					
CONTROL PRODUCT SUMMARY					
SDN: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
Acceptance testing is tentatively scheduled for the month of October.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	10/1/1998		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN Intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$980,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$980,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	12/31/1998		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	32.08%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings: No meetings recorded.					
Project closeout moved up one month. Awaiting acceptance testing date. Completion date moved to 12/98.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
Acceptance testing is tentatively scheduled for the month of October.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	12/1/1998		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN Intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$1,100,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$1,100,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	12/31/1998		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	32.08%		
Original Scheduled Completion Date:	11/30/1998	On Schedule (±10%)?	Yes		
Contract Management Meetings:	No meetings recorded.				
Acceptance testing complete. RedHook System passed.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: Incomplete; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
The test report is the next piece of documentation to be completed.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	2/1/1999		
Program Manager/Phone	Sponsor/Phone	Leader/Phone			
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$1,160,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$1,160,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes. Remaining funds to be applied to specified enhancements.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	9/30/1999		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	0.00%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings:	No meetings recorded.				
Acceptance testing complete - Test Report done in January. RedHook System passed - development is complete. Period of performance extended to 9/99 to use remaining funds on developing specific enhancements. PCR will come after the project closes out in September.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: 1/29/1999; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?				No
The PCR is the next piece of documentation to be completed.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	4/1/1999		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$1,180,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$1,180,000.00	Estimated Cost At Completion:	\$1,310,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$0.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	0.00%		
(U) CRB OK'd new funding for case support and pre-production prototypes.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	9/30/1999		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	0.00%		
Original Scheduled Completion Date:	11/30/1998	On Schedule (±10%)?	Yes		
Contract Management Meetings:	No meetings recorded.				
No changes.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: 1/29/1999; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
The Test Report is complete.					

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PROJECT PROGRESS REPORT

Red Hook					
Section/Unit	Project Number	File Number	Report Date		
DES/DITU	7-97-0024	268-HQ-1001725	6/1/1999		
Program Manager/Phone		Sponsor/Phone	Leader/Phone		
Program	User Organization	Contractor	Contract/Task		
	EST-4				
PROJECT GOAL					
(U) To develop ISDN intercept system and PC-PDU.					
COST SUMMARY					
Planned Cumulative Cost To Date:	\$1,180,000.00	Planned Total Cost:	\$1,310,000.00		
Actual Cumulative Cost To Date:	\$1,180,000.00	Estimated Cost At Completion:	\$1,180,000.00		
Current Cost Variance (\$):	\$0.00	Total Cost Variance (\$):	\$130,000.00		
Current Cost Variance (%):	0.00%	Total Cost Variance (%):	9.92%		
(U) Funding complete. New monies will be allocated for a limited pre-production.					
FUNDING HISTORY					
No funding recorded.					
SCHEDULE DATA					
Start Date:	6/1/1997	Projected Completion Date:	9/30/1999		
Current Scheduled Completion Date:	9/30/1999	Schedule Variance:	0.00%		
Original Scheduled Completion Date:	11/30/1998	On Schedule ($\pm 10\%$)?	Yes		
Contract Management Meetings:	No meetings recorded.				
(U) No changes.					
CONTROL PRODUCT SUMMARY					
SON: 2/1/1997; ICP: 7/4/1976; TP: Incomplete; TR: 1/29/1999; PCR: Incomplete					
PHASE REVIEWS					
Phase:	One	Two	Three	Four	Five
Date Scheduled:	6/1/1997				9/30/1999
Date Completed:					
KEY ISSUES	Section Chief Intervention Required?			No	
(U) A pre-production run is coming in the next 90 days. A foreign country is buying two systems.					

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Project Snapshot Report

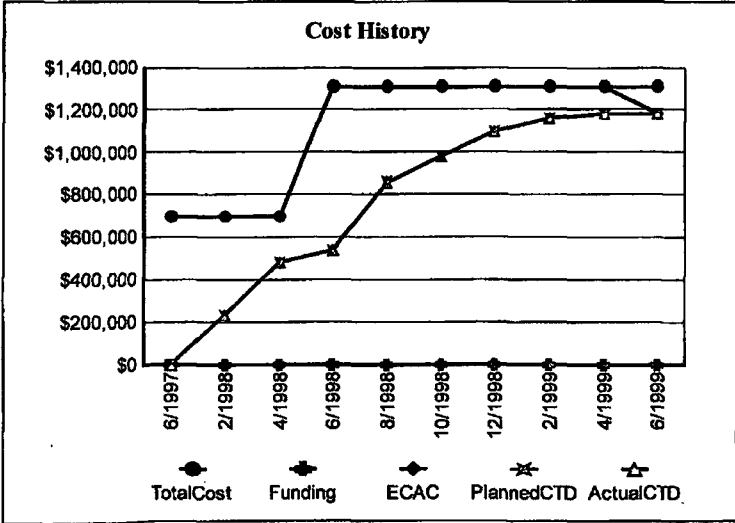
Snapshot-P
Printed: 11/7/06 11:24 am

Red Hook

Section: Digital Evidence Section
 Unit: Data Intercept Technology Unit
 Project Number: 7-97-0024
 File Number: 268-HO-1001725
 Project Leader: b6
 Program Manager: b7c
 Program:
 Sponsor:
 User Organization: EST-4
 Project Goal: (U) To develop ISDN intercept system and PC-PDU.

As of June 1999

Period of Performance: 6/1/97 - 9/30/99 (Original: 11/30/98)
 Projected Completion: 9/30/99
 Planned Total Cost: \$1,310,000.00 (Original: \$700,000.00)
 Amount Funded: 0.00
 Number of Changes: 0
 Estimated Cost at Completion: 1,180,000.00
 Planned Cost to Date: 1,180,000.00
 Actual Cost to Date: 1,180,000.00
 Is the project on schedule? Yes
 Is section chief intervention required? No



Project Leader's Comments

Cost
 (U) Funding complete. New monies will be allocated for a limited pre-production.

Schedule
 (U) No changes.

Key Issues
 (U) A pre-production run is coming in the next 90 days. A foreign country is buying two systems.

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Thanks

[redacted]
SSA [redacted]
Chief, Telecommunications Intercept & Collection Technology Unit
Electronic Surveillance Technology Section
Operational Technology Division
ERF Quantico
703 [redacted] desk
202 [redacted] cell

b6
b7c

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[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, July 27, 2006 8:07 AM
To: [redacted] (OTD) (FBI)
Subject: FW: DCS-3000 redundancy

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E [redacted]
TIC/TO/SBI [redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

b6
b7c

-----Original Message-----
From: [redacted] (BS) (CON)
Sent: Thursday, July 27, 2006 8:06 AM
To: [redacted] (OTD) (FBI)
Subject: RE: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

Please be advised that I am [redacted] and not [redacted] have noted the contact changes, as [redacted] retired as am I, but working for DRL.

-----Original Message-----
From: [redacted] (BS) (FBI)
Sent: Tuesday, July 25, 2006 10:30 AM
To: [redacted] (BS) (CON)
Subject: FW: DCS-3000 redundancy

~~SECRET~~

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NON-RECORD

~~SECRET~~

More stuff for you

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Friday, July 21, 2006 1:25 PM
To: [redacted] (BS) (FBI)
Subject: DCS-3000 redundancy

b6
b7C

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NON-RECORD

We here in the TICTU SBIT lab are beginning an initiative to add redundant point to point circuits throughout the field to ensure maximum up-time of the DCS-3000 system. We need to verify the information I am attaching to this email before arranging for additional T1 service to your field office. Your name is listed in our files as the primary or alternate point of contact for the DCSnet in your field office. Please review the "Originating Location Information", and any notes that may apply to an additional T1 installation into your office. If the contact information or any of the data is incorrect, please advise in an email so we may make changes to our system. The attached files are copies of old installation requests and will not be used again, new ones will be created after verification of data. I understand [redacted] is no longer there, please advise primary and alternate POCs for DCSnet in your division, thx.

<< File: dcsn14-boston.wpd >>

Thank You

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

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UNCLASSIFIED

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~~SECRET~~

[redacted] OTD) (FBI)

From: [redacted] (BS) (CON)
Sent: Thursday, July 27, 2006 8:06 AM
To: [redacted] (OTD) (FBI)
Subject: RE: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

Please be advised that I am [redacted] and not [redacted] I have noted the contact changes, as [redacted] s retired as am I, but working for BAE.

-----Original Message-----

From: [redacted] (S) (FBI)
Sent: Tuesday, July 25, 2006 10:30 AM
To: [redacted] (S) (CON)
Subject: FW: DCS-3000 redundancy

b6
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UNCLASSIFIED
NON-RECORD

More stuff for you

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Friday, July 21, 2006 1:25 PM
To: [redacted] (BS) (FBI)
Subject: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

We here in the TICTU SBIT lab are beginning an initiative to add redundant point to point circuits throughout the field to ensure maximum up-time of the DCS-3000 system. We need to verify the information I am attaching to this email before arranging for additional T1 service to your field office. Your name is listed in our files as the primary or alternate point of contact for the DCSnet in your field office. Please review the "Originating Location Information", and any notes that may apply to an additional T1 installation into your office. If the contact information or any of the data is incorrect, please advise in an email so we may make changes to our system. The attached files are copies of old installation requests and will not be used again, new ones will be created after verification of data. I understand [redacted] is no longer there, please advise primary and alternate POCs for DCSnet in your division, thx.

<< File: dcsn14-boston.wpd >>

Thank You

ET [redacted]
TICTU/SBIT [redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

b6
b7C

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- (S) 1. Add-new block of IPs to old building [redacted] (7th RA)
this has already been done with the main router set for [redacted] (use this as the gw)
- 2.a. Change the IPs for the portable VB at the old building to use the 7th RA scheme.
b. Change the RW one way push boxes at the old building to use the 7th RA scheme.
- (S) 3. Install new circuit to new building with ip addresses of [redacted] (7th RA)
router will be installed with ip address [redacted] (use this as the gw)
- 4.a. VB at new building should be setup to use IPs for 8th RA scheme
b. RW one way push boxes at new building should be setup for 8th RA scheme
- 5. When Chicago is ready, move DCS-3000 machines and main FO IPs to the new building. No ip changes will need to be made to these machines.
- 6.a. Change VB IPs at new building to main FO IP scheme.
b. Change RW one way push IPs to main FO IP scheme.
*** note, the above step is optional, but recommended ***
- 7. When service at old building no longer needed, shut down circuit.

b1

Going with this plan will make the transition much more simple. The drawbacks are having to change the VB and RW IP addresses after the systems are up and running, or, if we skip step 6, then the waste of a block of IPs.

If anyone has any questions about this, please give me a call.

thanks!

[redacted]
703-[redacted]

b6
b7C

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Thanks

[Redacted]

SSA [Redacted]

Chief, Telecommunications Intercept & Collection Technology Unit
Electronic Surveillance Technology Section
Operational Technology Division
ERF Quantico
703 [Redacted] desk
202 [Redacted] cell

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[Redacted] (OTD) (FBI)

From: [Redacted] (OTD) (FBI)
Sent: Friday, September 15, 2006 9:31 AM
To: [Redacted] (OTD) (FBI)
Subject: RE: Re: DCS 3000

UNCLASSIFIED
NON-RECORD

FYI those went out Tuesday afternoon

b6
b7C

ET [Redacted]
TIC/TSB [Redacted]
Office: 703 [Redacted]
Cell: 20 [Redacted]
Pager [Redacted]
[Redacted]

-----Original Message-----

From: [Redacted] (OTD) (FBI)
Sent: Tuesday, September 12, 2006 1:42 PM
To: [Redacted] (OTD) (FBI)
Subject: FW: Re: DCS 3000

UNCLASSIFIED
NON-RECORD

[Redacted]

Could you ship Sean 3 graphics cards for me.

Thanks
[Redacted]

-----Original Message-----

~~SECRET~~

From: [redacted] (NK) (FBI)
Sent: Tuesday, September 12, 2006 11:55 AM
To: [redacted] (TD) (FBI)
Subject: RE: Re: DCS 3000

UNCLASSIFIED
NON-RECORD

Great, no we could install them. We would need three. Thanks a lot.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Tuesday, September 12, 2006 10:47 AM
To: [redacted] (NK) (FBI)
Subject: RE: Re: DCS 3000

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NON-RECORD

b6
b7c

[redacted]

Actually we have about 10 cards here just for that purpose. Would you just want the cards or for us to install/test them?

[redacted]

-----Original Message-----

From: [redacted] (NK) (FBI)
Sent: Tuesday, September 12, 2006 10:37 AM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: Re: DCS 3000

UNCLASSIFIED
NON-RECORD

Guys, we are interested in getting (3) three dual graphics cards for our DCS 3000 machines. We thought this might be good to allow the monitors of the Title III's to be able to monitor the DCS 3000 and the CELLO tracker at the same time without toggling back and forth. What are your opinions of this?

SA [redacted]
Newark Division
[redacted]

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, July 27, 2006 8:07 AM
To: [redacted] (OTD) (FBI)
Subject: FW: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

b6
b7C

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

-----Original Message-----
From: [redacted] (BS) (CON)
Sent: Thursday, July 27, 2006 8:06 AM
To: [redacted] (OTD) (FBI)
Subject: RE: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

Please be advised that I am [redacted] and not [redacted] have noted the contact changes, as [redacted] is retired as am I, but working for BAE.

-----Original Message-----
From: [redacted] (BS) (FBI)
Sent: Tuesday, July 25, 2006 10:30 AM
To: [redacted] (BS) (CON)
Subject: FW: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

More stuff for you

b6
b7C

-----Original Message-----
From: [redacted] (TD) (FBI)
Sent: Friday, July 21, 2006 1:25 PM
To: [redacted] (BS) (FBI)
Subject: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

We here in the TICTU SBIT lab are beginning an initiative to add redundant point to point circuits throughout the field to ensure maximum up-time of the DCS-3000 system. We need to verify the information I am attaching to this email before arranging for additional T1 service to your field office. Your name is listed in our files as the primary or alternate point of contact for the DCSnet in your field office. Please review the "Originating Location Information", and any notes that may apply to an additional T1 installation into your office. If the contact information or any of the data is incorrect, please advise in an email so we may make changes to our system. The attached files are copies of old installation requests and will not be used again, new ones will be created after verification of data. I understand [redacted] is

no longer there, please advise primary and alternate POCs for DCSnet in your division, thx.

<< File: dcsn14-boston.wpd >>

Thank You

ET [redacted]
TICTU/SBIT [redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

UNCLASSIFIED

b6
b7C

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[redacted] (OTD) (FBI)

From: [redacted] (BS) (CON)
Sent: Thursday, July 27, 2006 8:06 AM
To: [redacted] (OTD) (FBI)
Subject: RE: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

Please be advised that I am [redacted] and not [redacted] have noted the contact changes, as [redacted] is retired as am I, but working for BAE.

-----Original Message-----
From: [redacted] (BS) (FBI)
Sent: Tuesday, July 25, 2006 10:30 AM
To: [redacted] (BS) (CON)
Subject: FW: DCS-3000 redundancy

b6
b7C

UNCLASSIFIED
NON-RECORD

More stuff for you

-----Original Message-----
From: [redacted] (OTD) (FBI)
Sent: Friday, July 21, 2006 1:25 PM
To: [redacted] (BS) (FBI)
Subject: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

We here in the TICTU SBIT lab are beginning an initiative to add redundant point to point circuits throughout the field to ensure maximum up-time of the DCS-3000 system. We need to verify the information I am attaching to this email

before arranging for additional T1 service to your field office. Your name is listed in our files as the primary or alternate point of contact for the DCSnet in your field office. Please review the "Originating Location Information", and any notes that may apply to an additional T1 installation into your office. If the contact information or any of the data is incorrect, please advise in an email so we may make changes to our system. The attached files are copies of old installation requests and will not be used again, new ones will be created after verification of data. I understand [redacted] is no longer there, please advise primary and alternate POCs for DCSnet in your division, thx.

<< File: dcsn14-boston.wpd >>

Thank You

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

b6
b7C

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Friday, July 21, 2006 1:25 PM
To: [redacted] (BS) (FBI)
Subject: DCS-3000 redundancy

UNCLASSIFIED
NON-RECORD

We here in the TICTU SBIT lab are beginning an initiative to add redundant point to point circuits throughout the field to ensure maximum up-time of the DCS-3000 system. We need to verify the information I am attaching to this email before arranging for additional T1 service to your field office. Your name is listed in our files as the primary or alternate point of contact for the DCSnet in your field office. Please review the "Originating Location Information", and any notes that may apply to an additional T1 installation into your office. If the contact information or any of the data is incorrect, please advise in an email so we may make changes to our system. The attached files are copies of old installation requests and will not be used again, new ones will be created after verification of data. I understand [redacted] is no longer there, please advise primary and alternate POCs for DCSnet in your division, thx.

b6
b7C



dcsn14-boston.wpd
(12 KB)

Thank You

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

UNCLASSIFIED

[Redacted]

(OTD) (FBI)

From: [Redacted] (SF) (FBI)
Sent: Tuesday, May 09, 2006 1:10 PM
To: [Redacted] (OTD) (FBI)
Subject: RE: [Redacted]

UNCLASSIFIED
NON-RECORD

Hi [Redacted]

b2
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b7E

The circuit from Martinez to the Concord RA is a full T-1, [Redacted] Whatever you folks designed and set up will be appreciated here.

I will be out of the office from 5/13-27/06, so if my presence is needed during that window let me know so I can get someone to fill in. Thanks [Redacted]

-----Original Message-----

From: [Redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 1:02 PM
To: [Redacted] (SF) (FBI)
Subject: RE: [Redacted]

b2
b7E

UNCLASSIFIED
NON-RECORD

If the circuit between Concord and Martinez were dropped, we would lose redundancy for all three sites. We would prefer to leave the link between Concord and Martinez in place using at least the [Redacted] router is not going to be used it is up to you as to whether or not to install it. We have one programmed up and as a just in case kind of thing it doesn't take up much space and can save some heartache down the road.

[Redacted]. In your previous email you discussed a new link between Martinez and Concord, we need the specific terminations of that link.

Thanks,

b2
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b7C
b7E

ET [Redacted]
TICTU/SBIT
Office: 703 [Redacted]
Cell: 202 [Redacted]
Pager: [Redacted]
gmark [Redacted]

-----Original Message-----

From: [Redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [Redacted] (OTD) (FBI)
Subject: RE: [Redacted]

UNCLASSIFIED
NON-RECORD

b6
b7C

Hi [Redacted]

Your correct. The current router in Martinez is a [Redacted] One connects to San Francisco via the Pulsecom channel bank [Redacted] and the other connects to the Oakland RA also through the channel bank.

Looking at your diagram, I was wondering if after [redacted] router can be eliminated in Concord and the Sprint circuit merely cross connected to the circuit card coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

b2
b6
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b7E

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [redacted] (SF) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

[redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [redacted]

b2
b6
b7C
b7E

<< File: SF DCSnet.ppt >>

ET [redacted]
TICTU/SBIT [redacted]
Office: 703- [redacted]
Cell: 202- [redacted]
Pager [redacted]
[redacted]

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Wednesday, May 03, 2006 3:02 PM
To: [redacted] (OTD) (FBI)
Subject: FW: [redacted]

b2
b7E

UNCLASSIFIED
NON-RECORD

Hi [redacted] This is what I asked [redacted] but I'm sure he's got his hands full. Our current DCS circuit comes into the San Francisco and we get it at our Martinez Off-Site over our channel bank since [redacted]. In order to create a backup I asked for the new circuit to terminate at our Concord RA. I had another T-1 circuit made from our Off-Site to the Concord RA with the hopes of crossconnecting the two to get the completed circuit to the Martinez Off-Site. The Martinez Off-Site is the primary collection site and distribution to the Division RA's. Not knowing much about CISCO routers, can I connect the two circuits? If yes, the router will be at the Martinez Off-Site, but can temporarily be located at the Concord RA for [redacted]. Let me know if this will work and what you want me to do. Thank [redacted].
Technical Services 11C
Nextel No. [redacted]

b2
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b7E

-----Original Message-----

From: [redacted] (SF) (FBI)

~~SECRET~~

b2
b7E

Sent: Friday, April 07, 2006 2:31 PM
To: [redacted] (OTD) (FBI)
Subject: [redacted]

b2
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UNCLASSIFIED
NON-RECORD

Hi [redacted]

I wasn't in town when [redacted] on the Concord RA. I went to check on it the other day and couldn't find anything clearly tagged [redacted] the circuit that was installed in the RA. If it is, can I use a cross over cable and plug it into the T-1 I had made from the RA to the Martinez Off-Site? And if so, will this terminate in a new separate router? Let me know when you get a moment. Thanks!

[redacted]
Technical Services 11C
[redacted]

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 4:02 PM
To: [redacted] (SF) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

If the circuit between Concord and Martinez were dropped, we would lose redundancy for all three sites. We would prefer to leave the link between Concord and Martinez in place using at least the [redacted] router is not going to be used it is up to you as to whether or not to install it. We have one programmed up and as a just in case kind of thing it doesn't take up much space and can save some heartache down the road.

b2
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b7E

Is the link between Martinez and Concord a full T1 or are we running through a channel bank. In your previous email you discussed a new link between Martinez and Concord, we need the specific terminations of that link.

Thanks,

ET [redacted]
TICTU/SBIT

~~SECRET~~

Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

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b6
b7C

Hi [redacted]

Your correct. The current router in Martinez is a [redacted] One connects to San Francisco via the Pulsecom channel bank [redacted], and the other connects to the Oakland RA also through the channel bank.

Looking at your diagram, I was wondering if after [redacted] router can be eliminated in Concord and the [redacted] coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [redacted] (SF) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

b2
b7E

[redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [redacted]

b2
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b7E

<< File: SF DCSnet.ppt >>

E [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Wednesday, May 03, 2006 3:02 PM
To: [redacted] (OTD) (FBI)
Subject: FW: [redacted]

UNCLASSIFIED
NON-RECORD

Hi [redacted] This is what I asked [redacted] but I'm sure he's got his hands full. Our current DCS circuit comes into the San Francisco and we get it at our Martinez Off-Site over our channel bank since [redacted]. In order to create a backup I asked for the new circuit to terminate at our Concord RA. I had another T-1 circuit made from our Off-Site to the Concord RA with the hopes of crossconnecting the two to get the completed circuit to the Martinez Off-Site. The Martinez Off-Site is the primary collection site and distribution to the Division RA's. Not knowing much about CISCO routers, can I connect the two circuits? If yes, the router will be at the Martinez Off-Site, but can temporarily be located at the Concord RA for [redacted]. Let me know if this will work and what you want me to do. Thanks [redacted]

Technical Services 11C
[redacted]

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Friday, April 07, 2006 2:31 PM
To: [redacted] (OTD) (FBI)
Subject: [redacted]

b2
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b7C
b7E

UNCLASSIFIED
NON-RECORD

Hi [redacted]

I wasn't in town when [redacted] on the Concord RA. I went to check on it the other day and couldn't find anything clearly tagged. Is [redacted] that was installed in the RA. If it is, can I use a cross over cable and plug it into the T-1 I had made from the RA to the Martinez Off-Site? And if so, will this terminate in a new separate router? Let me know when you get a moment. Thanks!

[redacted]
Technical Services 11C
[redacted]

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[redacted] (TD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 3:29 PM
To: [redacted] (OTD) (FBI)
Subject: FW: [redacted]

UNCLASSIFIED
NON-RECORD

b6
b7C

ET [redacted]
TICTU/SBIT [redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

-----Original Message-----
From: [redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

H [redacted]

Your correct. The current router in Martinez is a [redacted]. One connects to San Francisco via the Pulsecom channel bank [redacted] and the other connects to the Oakland RA also through the channel bank.

Looking at your diagram, I was wondering if after [redacted] router can be eliminated in Concord and the [redacted] coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

b2
b7E

-----Original Message-----
From: [redacted] (TD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [redacted] (SF) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

b2
b7E

b2
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b7C
b7E

UNCLASSIFIED
NON-RECORD

[redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [redacted]

<< File: SF DCSnet.ppt >>

ET [redacted]
TICTU/SBIT [redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Pager: [redacted]
[redacted]

b2
b6
b7C
b7E

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Wednesday, May 03, 2006 3:02 PM
To: [redacted] (OTD) (FBI)
Subject: FW: [redacted]

UNCLASSIFIED
NON-RECORD

Hi [redacted] This is what I asked [redacted] but I'm sure he's got his hands full. Our current DCS circuit comes into the San Francisco and we get it at our Martinez Off-Site over our channel bank since [redacted] [redacted] in order to create a backup I asked for the new circuit to terminate at our Concord RA. I had another T-1 circuit made from our Off-Site to the Concord RA with the hopes of crossconnecting the two to get the completed circuit to the Martinez Off-Site. The Martinez Off-Site is the primary collection site and distribution to the Division RA's. Not knowing much about CISCO routers, can I connect the two circuits? If yes, the router will be at the Martinez Off-Site, but can temporarily be located at the Concord RA for [redacted] Let me know if this will work and what you want me to do. Thanks [redacted]
Technical Services 11C
[redacted]

b2
b7E

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Friday, April 07, 2006 2:31 PM
To: [redacted] (OTD) (FBI)
Subject: [redacted]

UNCLASSIFIED
NON-RECORD

b2
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b7E

Hi [redacted]
I wasn't in town when [redacted] on the Concord RA. I went to check on it the other day and couldn't find anything clearly tagged. [redacted] the circuit that was installed in the RA. If it is, can I use a cross over cable and plug it into the T-1 I had made from the RA to the Martinez Off-Site? And if so, will this terminate in a new separate router? Let me know when you get a moment. Thanks!

[redacted]
Technical Services 11C
[redacted]

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[Redacted] (OTD) (FBI)

From: [Redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [Redacted] (OTD) (FBI)
Subject: RE: [Redacted]

b2
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UNCLASSIFIED
NON-RECORD

Hi [Redacted]

Your correct. The current router in Martinez is a [Redacted] One connects to San Francisco via the Pulsecom channel bank [Redacted] and the other connects to the Oakland RA also through the channel bank.

Looking at your diagram, I was wondering if after [Redacted] router can be eliminated in Concord and the [Redacted] coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

-----Original Message-----

From: [Redacted] (TD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [Redacted] (SF) (FBI)
Cc: [Redacted] (OTD) (FBI)
Subject: RE: [Redacted]

b2
b7E

UNCLASSIFIED
NON-RECORD

[Redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [Redacted]

b2
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b7E

<< File: SF DCSnet.ppt >>

ET [Redacted]
TICTU/SBIT [Redacted]
Office: 703-[Redacted]
Cell: 202-[Redacted]
Pager [Redacted]

-----Original Message-----

From: [Redacted] (SF) (FBI)

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager [redacted]

b6
b7C

-----Original Message-----

From: [redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

b2
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b7C
b7E

Hi [redacted]

Your correct. The current router in Martinez is a [redacted] One connects to San Francisco via the Pulsecom channel bank [redacted] and the other connects to the Oakland RA also through the channel bank.

Looking at your diagram, I was wondering if after [redacted] buter can be eliminated in Concord and the [redacted] card coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [redacted] (SF) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

[redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [redacted]

b2
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b7E

<< File: SF DCSnet.ppt >>

ET [redacted]
TICTU/SBIT
Office: 703 [redacted]
Cell: 202 [redacted]
Pager [redacted]

-----Original Message-----

From: [redacted] (SF) (FBI)

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

b6
b7C

UNCLASSIFIED

UNCLASSIFIED

[Redacted] (OTD) (FBI)

From: [Redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 3:29 PM
To: [Redacted] (OTD) (FBI)
Subject: FW: [Redacted]

UNCLASSIFIED
NON-RECORD

b2
b6
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b7E

ET [Redacted]
TICTU/SBIT
Office: 703 [Redacted]
Cell: 202 [Redacted]
Pager: [Redacted]
[Redacted]

-----Original Message-----
From: [Redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [Redacted] (TD) (FBI)
Subject: RE: [Redacted]

UNCLASSIFIED
NON-RECORD

Hi [Redacted]

Your correct. The current router in Martinez is a [Redacted]. One connects to San Francisco via the Pulsecom channel bank [Redacted] and the other connects to the Oakland RA also through the channel bank.

b2
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Looking at your diagram, I was wondering if after [Redacted] router can be eliminated in Concord and the [Redacted] coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

-----Original Message-----
From: [Redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [Redacted] (SF) (FBI)
Cc: [Redacted] (OTD) (FBI)
Subject: RE: [Redacted]

[redacted]
Technical Services 11C
Nextel No. 925 [redacted]

UNCLASSIFIED

UNCLASSIFIED

b6
b7C

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

[redacted] (OTD) (FBI)

From: [redacted] (SF) (FBI)
Sent: Thursday, May 04, 2006 2:23 PM
To: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

b2
b6
b7C
b7E

Hi [redacted]

Your correct. The current router in Martinez is a [redacted] One connects to San Francisco via the Pulsecom channel bank [redacted] and the other connects to the Oakland RA also through the channel bank [redacted].

Looking at your diagram, I was wondering if after [redacted] router can be eliminated in Concord and the [redacted] coming from the Concord RA to Martinez. The Concord RA is mainly a white collar squad and has no real need of a DCS3000 workstation. But, we'll do whatever you've worked out. Let me know.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 04, 2006 8:13 AM
To: [redacted] (SF) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: [redacted]

UNCLASSIFIED
NON-RECORD

[redacted]

I am attaching a diagram of what we anticipate going to for your DCS configuration. With the new circuit between Martinez and Concord we can make a ring so to speak with routers and provide redundancy for all three places involved. We need to know however how you are connecting to your T1s. You mentioned Martinez being connected to a channel bank in what I assume is a serial port. We need to know what kind of interface cards to include with the routers we send out. We intend to replace the router you have now, I think it is a [redacted]

Date _____

TELECOMMUNICATIONS INTERCEPT AND COLLECTION
TECHNOLOGY UNIT-EST-3

TO: _____

~~Front Office~~

①

Mr. [redacted] ESTS

Mr. [redacted] OS
Mr. [redacted] IS

Electronic Surveillance Technology

Mr. Thomas
Mr. Mirarchi
Mr. [redacted]
Mr. [redacted]

Technical Operations

Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]

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Telecommunications Intercept & Collection Technology Front Office

Mr. [redacted] Unit Chief
Ms. [redacted] Secretary
Mr. [redacted] Liaison

Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]

AS&T Program

Mr. [redacted]
Ms. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Ms. [redacted]
Mr. [redacted]

CMP Support Program

Mr. [redacted]
Mr. [redacted]
Ms. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]

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b7C

Telecommunication Access Program

Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]
Mr. [redacted]

[redacted]

Here is an example of
the DTS-3000 success. note
p. 2.

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___ FYI
___ Appropriate Action
___ RE: _____

Unit Chief, 703 _____

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