ESQ. MARCIA HOFMANN
ELECTRONIC FRONTIER FOUNDATION
SUITE 650
1875 CONNECTICUT AVENUE, NORTHWEST
WASHINGTON, DC 20009

July 30, 2007

Subject: SYSTEM DCS-3000 and Red Hook

FOIPA No. 1056287- 000 and FOIPA No. 1056307-1

Dear Ms. Hofmann:

The enclosed documents were reviewed under the Freedom of Information/Privacy Acts (FOIPA), Title 5, United States Code, Section 552/552a. Deletions have been made to protect information which is exempt from disclosure, with the appropriate exemptions noted on the page next to the excision. In addition, a deleted page information sheet was inserted in the file to indicate where pages were withheld entirely. The exemptions used to withhold information are marked below and explained on the enclosed Form OPCA-16a:

Section 552		Section 552a
☒(b)(1)	☐(b)(7)(A)	☐(d)(5)
☒(b)(2)	☐(b)(7)(B)	☐(j)(2)
☐(b)(3)_____	☒(b)(7)(C)	☐(k)(1)
_____	☐(b)(7)(D)	☐(k)(2)
_____	☒(b)(7)(E)	☐(k)(3)
_____	☐(b)(7)(F)	☐(k)(4)
☐(b)(4)	☐(b)(8)	☐(k)(5)
☒(b)(5)	☐(b)(9)	☐(k)(6)
☒(b)(6)		☐(k)(7)

996 **page(s)** were reviewed and 781 **page(s)** are being released.

☐ Document(s) were located which originated with, or contained information concerning other Government agency(ies) [OGA]. This information has been:

☐ referred to the OGA for review and direct response to you.

☐ referred to the OGA for consultation. The FBI will correspond with you regarding this information when the consultation is finished.

☒ You have the right to appeal any denials in this release. Appeals should be directed in writing to the Director, Office of Information and Privacy, U.S. Department of Justice,1425 New York Ave., NW, Suite 11050, Washington, D.C. 20530-0001 within sixty days from the date of this letter. The envelope and the letter should be clearly marked "Freedom of Information Appeal" or "Information Appeal." Please cite the FOIPA number assigned to your request so that it may be easily identified.

☐ The enclosed material is from the main investigative file(s) in which the subject(s) of your request was the focus of the investigation. Our search located additional references, in files relating to other individuals, or matters, which may or may not be about your subject(s). Our experience has shown, when ident, references usually contain information similar to the information processed in the main file(s). Because of our significant backlog, we have given priority to processing only the main investigative file(s). If you want the references, you must submit a separate request for them in writing, and they will be reviewed at a later date, as time and resources permit.

☒ See additional information which follows.

Sincerely yours,

David M. Hardy
Section Chief
Record/Information
  Dissemination Section
Records Management Division

Enclosure(s)

Please be advised that this is the third interim release as ordered by the court on May 7, 2007 for documents concerning surveillance systems known as DCS-3000 and Red Hook.

A decision has not been made concerning your request for a waiver of fees. We will be corresponding with you concerning that request in the near future. In the interim, we are providing you with the enclosed documents. Pursuant to Title 28, Code of Federal Regulations, Section 16.11, there is a fee of ten cents per page for duplication. No fees are assessed for the first 100 pages. If it is determined that you do not qualify for a fee waiver, duplication fees will be assessed accordingly.

EXPLANATION OF EXEMPTIONS

SUBSECTIONS OF TITLE 5, UNITED STATES CODE, SECTION 552

(b)(1) (A) specifically authorized under criteria established by an Executive order to be kept secret in the interest of national defense or foreign policy and (B) are in fact properly classified to such Executive order;

(b)(2) related solely to the internal personnel rules and practices of an agency;

(b)(3) specifically exempted from disclosure by statute (other than section 552b of this title), provided that such statute(A) requires that the matters be withheld from the public in such a manner as to leave no discretion on issue, or (B) establishes particular criteria for withholding or refers to particular types of matters to be withheld;

(b)(4) trade secrets and commercial or financial information obtained from a person and privileged or confidential;

(b)(5) inter-agency or intra-agency memorandums or letters which would not be available by law to a party other than an agency in litigation with the agency;

(b)(6) personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy;

(b)(7) records or information compiled for law enforcement purposes, but only to the extent that the production of such law enforcement records or information (A) could be reasonably be expected to interfere with enforcement proceedings, (B) would deprive a person of a right to a fair trial or an impartial adjudication, (C) could be reasonably expected to constitute an unwarranted invasion of personal privacy, (D) could reasonably be expected to disclose the identity of confidential source, including a State, local, or foreign agency or authority or any private institution which furnished information on a confidential basis, and, in the case of record or information compiled by a criminal law enforcement authority in the course of a criminal investigation, or by an agency conducting a lawful national security intelligence investigation, information furnished by a confidential source, (E) would disclose techniques and procedures for law enforcement investigations or prosecutions, or would disclose guidelines for law enforcement investigations or prosecutions if such disclosure could reasonably be expected to risk circumvention of the law, or (F) could reasonably be expected to endanger the life or physical safety of any individual;

(b)(8) contained in or related to examination, operating, or condition reports prepared by, on behalf of, or for the use of an agency responsible for the regulation or supervision of financial institutions; or

(b)(9) geological and geophysical information and data, including maps, concerning wells.

SUBSECTIONS OF TITLE 5, UNITED STATES CODE, SECTION 552a

(d)(5) information compiled in reasonable anticipation of a civil action proceeding;

(j)(2) material reporting investigative efforts pertaining to the enforcement of criminal law including efforts to prevent, control, or reduce crime or apprehend criminals;

(k)(1) information which is currently and properly classified pursuant to an Executive order in the interest of the national defense or foreign policy, for example, information involving intelligence sources or methods;

(k)(2) investigatory material compiled for law enforcement purposes, other than criminal, which did not result in loss of a right, benefit or privilege under Federal programs, or which would identify a source who furnished information pursuant to a promise that his/her identity would be held in confidence;

(k)(3) material maintained in connection with providing protective services to the President of the United States or any other individual pursuant to the authority of Title 18, United States Code, Section 3056;

(k)(4) required by statute to be maintained and used solely as statistical records;

(k)(5) investigatory material compiled solely for the purpose of determining suitability, eligibility, or qualifications for Federal civilian employment or for access to classified information, the disclosure of which would reveal the identity of the person who furnished information pursuant to a promise that his/her identity would be held in confidence;

(k)(6) testing or examination material used to determine individual qualifications for appointment or promotion in Federal Government service the release of which would compromise the testing or examination process;

(k)(7) material used to determine potential for promotion in the armed services, the disclosure of which would reveal the identity of the person who furnished the material pursuant to a promise that his/her identity would be held in confidence.

FBI/DOJ

Freedom of Information
and
Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION DOCUMENTS

Section: 19

Federal Bureau of Investigation

b2
b7E

(S)

Tst, Type,   s/c,   time, dur, file

1,
2,

3,

4,
5,

6,

7,
8,

9,

10,

11,

Server test:

(S) 1.   start server, count
2.   start
3.   start DCS 3000

b1

Multiserver
        File->configure

        connection name   test

(S)

b1

4.

(S)   connect to

        1, 2
        3
        4,5

b1

DATE: 06-01-2007
CLASSIFIED BY 65179dmh/ksr/maj
REASON: 1.4 (G)
DECLASSIFY ON: 06-01-2032

b2
b7E

pg-1

6-8 -> [   ] generic [   ]
9   -> [   ] generic

b2
b7E

2002-06-27 14:28   testsequence.txt   Page 2

CSIM Notes:
=============

1)   To test test [   ]

(S) [   ] b1

2)   Files w/ problems: 1,2

3)   File 3 is clean   b2
                                              b7E

Notes on DCS-3000:
=====================

1) [   ]

pg-2

DCS 3000 _cfg.giF

b6
b7C

Screen CAPTURE
(2nd COPY Attached)

(S)

(S)

b1

b2
b7E

b1

{S}

{S}   {S}

VNC: R23

DCS 3000 Client - Default Client Name

File Edit Search View Recorder Voice Line Help

Documents

Shortcut to Client

DCS 3000 Multiple Switch Server - Default Server Name

File Edit Help

Computer

b1

My Network Places

b2
b7E

Recycle Bin

Internet Explorer

Stop Tim

Connect to the Internet

b1

Switches: Connected   Connecting:

pg-2
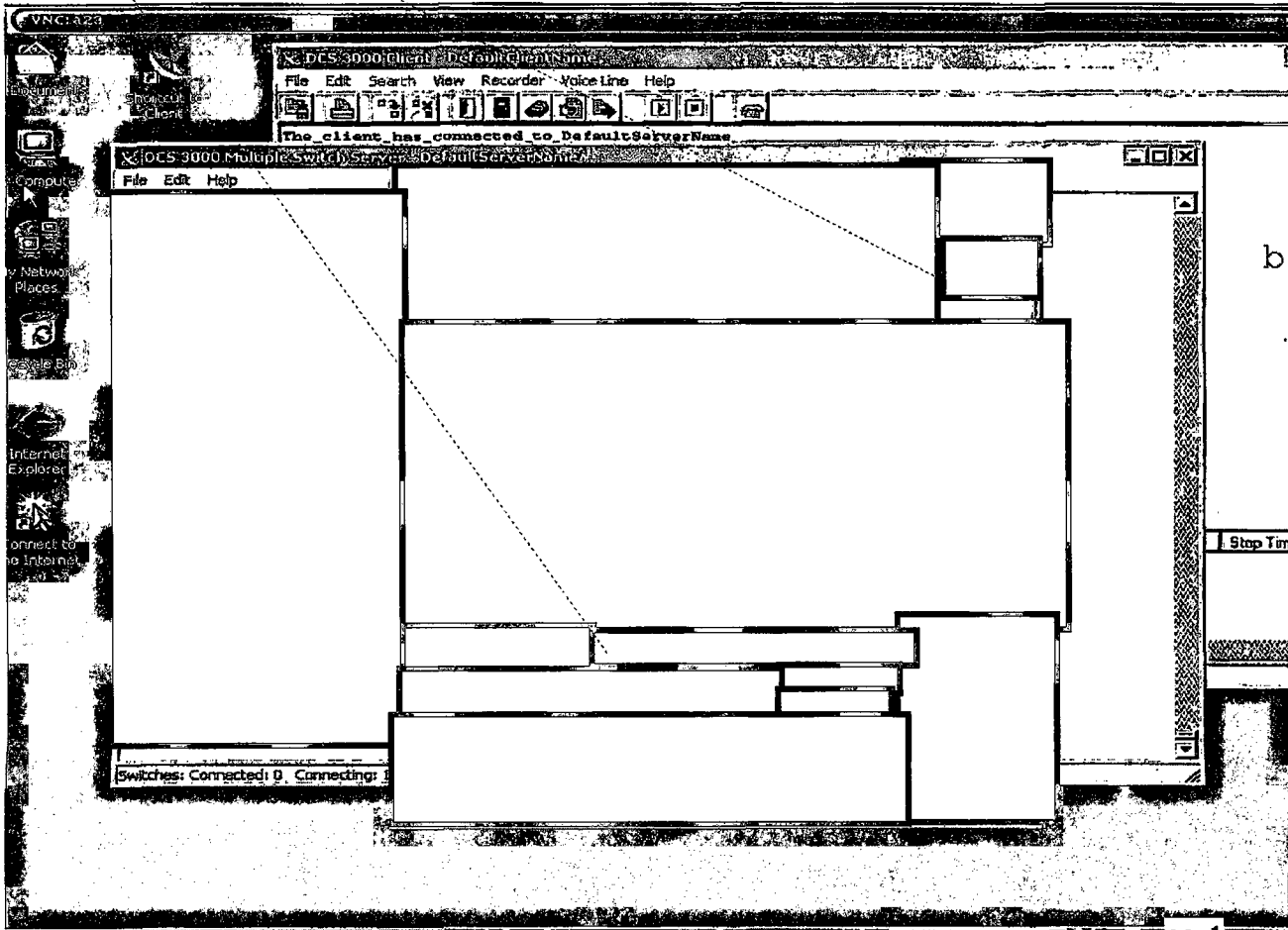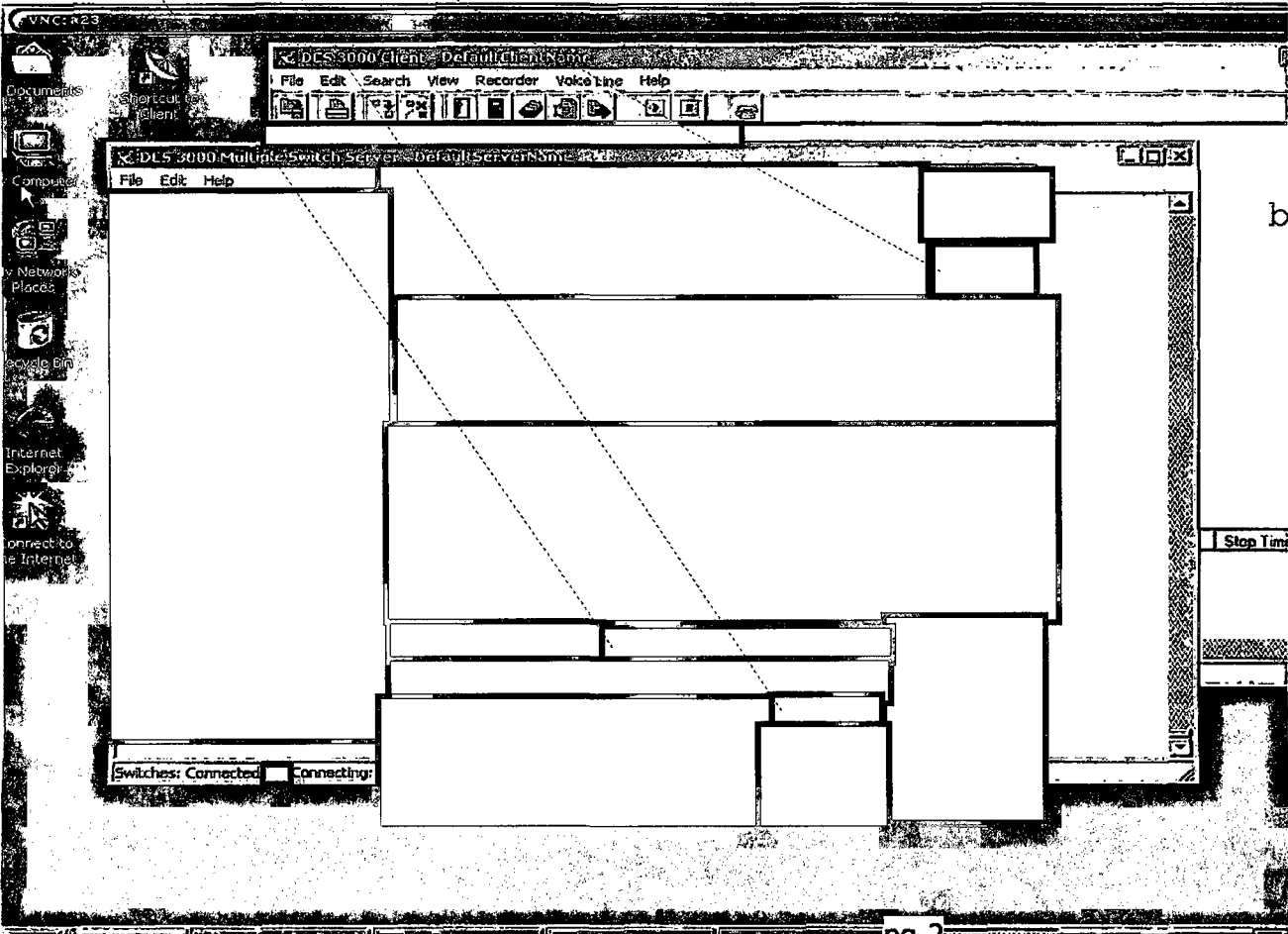
LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

From DCS 5000

b6
b7C

w/ setup Notes,
Screen Shots.

b2
b7E

~~PROC~~EDURES

FOR OPERATION

OF LAESP-PLAY

AND RELATED TOOLS

Prepared For: TICTU

b2
b7E

Prepared By:

SECRET

UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

1.0 Summary:

This document outlines the operational procedures for the LAESP-PLAY program, CSIM test simulator, sniffer, CVT, and other related tools.

1.1 History:

Version	Date	Changes
0.1.0	6/25/2002	draft created, RFC
0.2.0	6/27/2002	update following internal review
0.3.0	6/27/2002	update following test reordering, additional clarifications

1.2 General Notes:

1.   All dates should be of the form: **2002_0102.**
2.   File names should be of the form:

```
```

                                                                        b2
                                                                        b7E

For example:

        From DCS 3000:   2002_0301_test1_01.log

```
```
                                                                ⊢ this is a directory

3.   TBD

UNCLASSIFIED//PROGRAM SENSITIVE

2.0 Startup:

1.
2.
3.
4.
5.
6.
7.
8.
9. Run DCS-3000
10.

Notes:

a.
b.
c.
d.

e.

b2
b7E

3.0 Test Sequence:

Table 3-1: Test Sequences

Test	Command	Duration	Dataset	Svr/Client	Purpose
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Notes:

a.   As of 6/27, the test files have been created but need [   ] data sets. Each data set needs to be run again [   ] DCS-3000 and verified. Each data set needs to be timed and if the time is too long [   ] [   ] There is an issue with the [   ] hence this needs to be run as a server [   ]

b2
b7E

(S) b.   Test 1..8
• [   ]
• [   ] DCS 3000 as a client [   ]
• [   ] DCS [   ]

b1

(S) c.   Test 9
• [   ]
• [   ] DCS 3000 as a server [   ]
(S) • at end of test, stop DCS [   ]

b2
b7E

d.   Test 10

b1

{S} ......

- ▭ DCS 3000 as a client ▭ ▭
- ▭ stop DCS ▭

b2
b7E

Live

- ▭
- ▭ DCS 3000 as a client ▭

b2
b7E

- ○ ▭ stop DCS ▭

3.1 Test 1-8 Preparation:

4. ▭

{S} ......

b2
b7E

5. Start DCS-3000 ▭

b1

{S} ......

6. ▭

{S} ......

3.2 Test 1:

Purpose:
Preconditions:

Duration:
Notes:

This does not include the DCS-3000

Procedure:

1. ▭

b2
b7E

2. ▭

SECRET
UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

(S)   b1

3.   b1

(S)

4.   b2
                                                                     b7E

5.   When all packets have been sent the test script will end. [   ] from collecting packets on this target.

6.   [   ]

b2
b7E

SECRET

SECRET

UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

3.3 Test 2:

Purpose:
Preconditions: Test system is setup. DCS3000 is setup as a client.

Duration:
Notes: b2
Procedure: b7E

1.

(S)   2.

(S)   3.   b1

4.

(S)

5.   When all packets have been sent the test script will end. [   ] from collecting
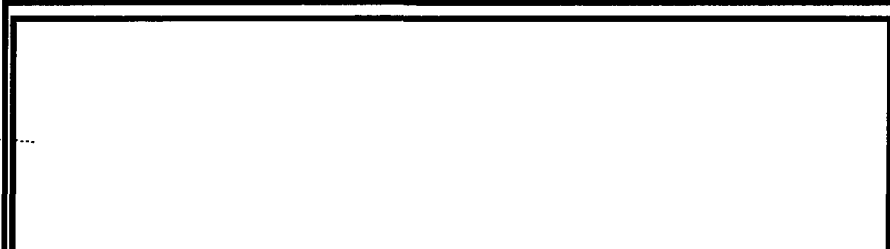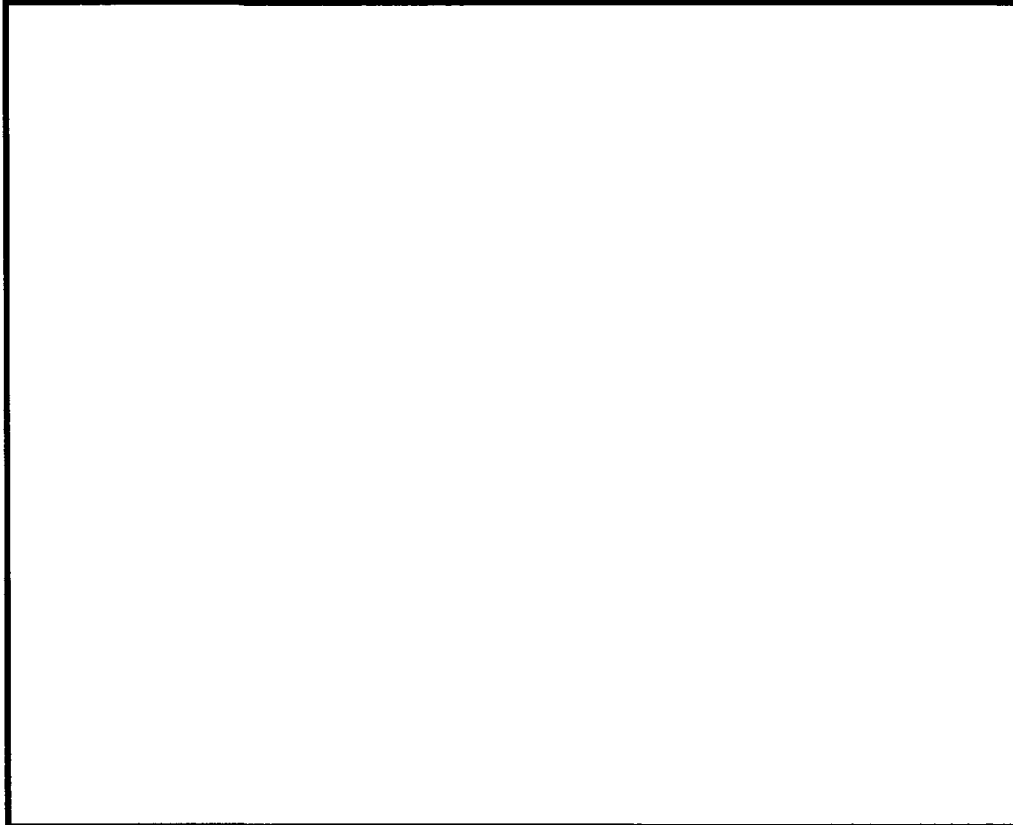   packets on this target.

6.   b2
                                                                               b7E

3.4 Test 3:

Purpose:
Preconditions: Test system is setup. DCS3000 is setup as a client.

Duration:
Notes:

SECRET

b2
b7E

Procedure:

1.

2.

(S) 3.

b1

(S) 4.

5. from collecting
packets on this target.

b2
b7E

6.

3.5 Test 4:

Purpose:

Preconditions: Test system is setup, DCS3000 is setup as a client.

Duration:
Notes:
Procedure:

1.

2.

(S) 3.

b1

(S)

b1

4.

(S)

5.   from collecting
  packets on this target.

6.

b2
b7E

3.6 Test 5:

Purpose:
Preconditions: Test system is setup, DCS3000 is setup as a client

Duration:
Notes:

Procedure:

1.

2.

3.

(S)

4.

b1

SECRET

SECRET
UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

b1

(S)

5. _____ from collecting packets on this target.

6.

b2
b7E

3.7 Test 6:

Purpose:

Preconditions: Test system is setup, DCS3000 is setup as a client.

Duration:
Notes:
Procedure:

1.

2.

3.

(S)

b1

4.

(S)

5. _____ from collecting packets on this target.

b2
b7E   6.

SECRET
UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

3.8 Test 7:

Purpose:
Preconditions: Test system is setup, DCS3000 is setup as a client.

Duration:
Notes:

DO WE WANT TO PUT A DELAY IN THIS FILE?

b2
b7E

Procedure:

1.

2.

3.

{S}

4.

b1

5.   from collecting
packets on this target.

6.

b2
b7E

3.9 Test 8:

Purpose:
Preconditions: Test system is setup, DCS3000 is setup as a client.

b2
b7E

Duration:
Notes:
Procedure:

1.

2.

3.

(S)

b1

4.

5.   from collecting
b2   packets on this target.
b7E

6.

3.10 Cleanup for Tests 1..8:

1.

3.11 Test 9:

Purpose:
Preconditions: Test system is setup. DCS3000 is setup as a client
b2
b7E   Duration:
Notes:
Procedure:

1.

b2
b7E

b1

(S) 2.

b2
b7E

3.   ~~Start DCS-3000 on A23:~~
????

(S)

b1

- start DCS 3000

4.

(S)

b1

5.

6.

7.   from collecting
packets on this target.

8.

b2
b7E .

9.

3.14 Test 10:

Purpose:
Preconditions:

Duration:
Notes:

This does not include the DCS-3000

Procedure:

b2
b7E

~~SECRET~~

SECRET
UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

b2
b7E

(S)

1.

2.

b1

3.

4.

5.
6.

7.

8.

b2
b7E

3.16 Setup for Automatic Testing:

TBD

b2
b7E

Appendix A - Programs:

Table A-1 Programs		
Program	**Version**	**Purpose**
	?	
DCS-3000	4.5o	CALEA target
Windows 2000		Windows operating system

SECRET

SECRET
~~UNCLASSIFIED~~//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

Apendix B - Computer Setup:

Table B-1: CALEA Test Computers

Host		OS	HW	Purpose
				backup DCS-3000 (includes
				DCS-3000 backup (includes
		N/A	N/A	*Device under test*

(S) / b1 (left)   b2 / b7E (right)

Table B-2: Other Hardware

Item		OS/ Cfg.	HW	Purpose
		n/a		
Printer				

(S) / b1 (left)   b2 / b7E (right)

SECRET
UNCLASSIFIED//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

Appendix C - File Organization:

Table C-1: File Organization		
Directory	Host(s)	Purpose
DCS Software\DCS 3000		DCS 3000 software home
C:\data		DCS-3000

b2
b7E

~~SECRET~~
~~UNCLASSIFIED~~//PROGRAM SENSITIVE

LAESP-SIM-002
06/27/2002
laesp_procedures.wpd
Version 0.3.0

Appendix H - QUESTIONS:

(S)

b1

1. Do we want [_____]
   [_____] would have to use same port number each time
   - for example [_____]
   - SPONSOR [_____]
   [_____]

2. What is the test sequence? Can we minimize [____] changes?
   DONE

3. Should we control all [_____]
   [____] need [__] input on this....]
   [____] this seems to work, but need to update [_____]

4. [____] is rather slow [_____] - should we get a faster machine if possible? [____] this
   is in progress.... — need [__] and DCS3000 on new computer]

5. What should our redundancy plan be? I recommend loading [_____]
   [_____] (I.e., both windows boxes have both apps.).
   — This is the plan

6. Can we run [_____] on same box or is a separate box desired/required?
   [____] separate box recommended....]

7. Need to write procedures for archiving information.

.b2
b6
b7C
b7E

Freedom of Information
and
Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: 268-HQ-1001725

Section: 1

Federal Bureau of Investigation

Precedence: ROUTINE   Date: 4/22/1996

To: Information Resources   Attn: [   ] (Enclosure)

From: Information Resources
          Electronic Surveillance Technology Section, EST-4
          Contact: [   ] xtension 703[   ]   b6
                                                                b7C
Approved By: [   ]

Drafted By: [   ] llp

Case ID #: 269-HQ-1001725 (Pending)

Title: NETWORKS ACCESS DEVELOPMENT (EST-4)
          REDHOOK PROJECT
          TRIP REPORT 4/10/96 (U)

Synopsis: Trip report to [   ] to support
project RedHook. (U)

Classification: CONFIDENTIAL

Enclosure: Monthly Status Report on RedHook Engineering Services   b2
Program for April 1996. (U)   b7E

Details: The RedHook project is an integrated services digital
network (ISDN) intercept system. It is designed to capture ISDN
signals between the telephone company central office and the
subscriber's residence. The RedHook system inserts [   ]
(U) [   ] forwards both the subscriber's
and associate's signal to its distribution and minimization
components. (C)

Case ID : 268-HQ-1001725   Serial : 52

DECLASSIFIED BY 65179DMH/KSR/LMF   CONFIDENTIAL
ON 06-01-2007

On 4/10/96 Electronics Engineer (EE) [   ]
[   ] met with Harris personnel at their
Melbourne, Florida location to review progress on the RedHook project and give an award fee presentation. [   ]
[   ] represented U.S. Secret Service and [   ]
[   ] represented the DEA. Attending from Harris were [   ]
[   ]
[   ] Vitro Corporation,
represented EST-4 as a contract advisor. (U)

b6
b7C

The new multi-point task, [   ]
[   ] is significantly ahead of schedule and well
under cost. The software coding required to perform this task
was lessened [   ]
The system will now have a menu pick [   ]
[   ]
[   ] (U)

b2
b7E

Work on the personal computer (PC) workstation is
starting [   ] has identified a [   ]
[   ] to test. This system will use [   ]
[   ] If this software allows the RedHook
software [   ] this could significantly
reduce maintenance costs for the RedHook system. (U)

[   ]
[   ] This task is
considerably ahead of schedule. Again this is due in large part
to the good coding practice implemented [   ]
original design. (U)

b2
b7E

Upgrades to the operating systems on both the
workstation software and the process and distribution unit (PDU)
were performed successfully. [   ]
[   ] The sources
of the difficulties were identified at the software design house

[   ] (U)

Task 1: workstation anomalies, has been completed with
all identified anomalies corrected. Task 1[   ]
[   ] (U)

A commercial source,[   ] has been identified for
a rack mounted power supply. This replacement power supply will
replace the fully custom[   ]developed and[   ]manufactured
rack mounted power supply. The[   ]supply was released for
sale after the design and manufacture of the[   ]custom
supply. The[   ]supply is manufactured by a[   ]
for commercial telephone company use and meets or exceeds all FCC
requirements for installation in a telephone company central
office.   (U)

b2
b7E

(U)

b2
b7E

(U)

(U)

b2
b7E

(U)

b2
b6
b7C
b7E

(U)

The [   ] award fee for this [   ] evaluation
period was [ ] percent of the award fee in excess of the minimum.
This was achieved by scoring [   ] out of a possible [   ] points on
the evaluation criteria. This [   ] team is performing
extremely well by meeting or exceeding target development dates
and coming in under budget for the major tasks worked on.   (U)

WORK COPY ROUTING SHEET

CC: [   ]
(Attn: [   ] (Enclosure)
[   ] (Enclosure)   b6
                                            b7C
(Attn: [   ] (Enclosure)
[   ] (Enclosure)

(Enclosure)

b6
b7C

5/28/96

X

X

FM FBI QUANTICO (268-HQ-1001725)/ROUTINE/

TO DIRECTOR FBI (268-HQ-1001725)/ROUTINE/

LEGAT OTTAWA/ROUTINE/

BT

S E C R E T

CITE: //0857//

PASS: FBIHQ, INFORMATION RESOURCES DIVISION, MRS. MORRIS, ROOM 5829.

(U)   SUBJECT: TRAVEL TO OTTAWA CANADA, 5/30/96 AND 6/4-7/96. (U)
       FOR THE INFORMATION OF LEGAT OTTAWA, EST-4, ELECTRONIC
SURVEILLANCE TECHNOLOGY SECTION, INFORMATION RESOURCES
DIVISION, FBIHQ, HAS BEEN OFFICIALLY REQUESTED
(S)   [   ] TO PROVIDE TECHNICAL   b1
ASSISTANCE WITH THE INITIAL SETUP OF AN EXPERIMENTAL SYSTEM.
THIS SYSTEM, CODENAMED REDHOOK, IS AN INTEGRATED SERVICES
DIGITAL NETWORK INTERCEPT SYSTEM. FBI PERSONNEL ARE REQUESTED
(S)   TO DELIVER AND SETUP ONE SYSTEM FOR [   ] IS TO RETURN
THE SYSTEM AFTER THREE MONTHS. (S)
       IN ATTENDANCE FROM EST-4 WILL BE SUPERVISORY SPECIAL
AGENTS [   ] ELECTRONICS   b6
(U)   ENGINEER [   ] AND ELECTRONICS TECHNICIAN b7C
       [   ] (S)
       TRAVEL ON 5/30/96 WILL BE A ROUND TRIP ON A BUREAU PLANE
WITH THE SOLE PURPOSE OF DELIVERING THE REDHOOK SYSTEM TO   b1
(S)   [   ]
       TRAVEL ON 6/4-7/96 WILL BE BY COMMERCIAL AIRLINE. DURING
THESE DATES, THE ABOVE MENTIONED PERSONNEL WILL ASSIST [   ] IN
(S)   THE SETUP AND EVALUATION OF THE REDHOOK SYSTEM. LEGAT
ASSISTANCE IS REQUIRED FOR LODGING. A RENTAL CAR IS REQUIRED
FOR THE DURATION OF THE STAY.
       POINT OF CONTACT FOR THIS EFFORT IS [   ]
       [   ] CAN BE REACHED AT 703 [   ] b6
       CLASSIFIED BY: G-3, X-1.   b7C
BT COPY COUNT PAGE
268-HQ-1001725

DATE: 06-01-2007
CLASSIFIED BY 65179/DMH/KSR/LMF
REASON: 1.4 (B/G)   ALL INFORMATION CONTAINED
DECLASSIFY ON: 06-01-2032   HEREIN IS UNCLASSIFIED EXCEPT
                                           WHERE SHOWN OTHERWISE

b6
b7C
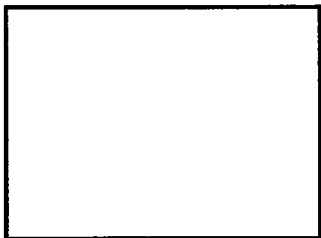
JLE/LLP (8)

Precedence: ROUTINE   Date: 07/1/1996

To: Information Resources   Attn: [   ]

From: Information Resources
       Electronic Surveillance Technology Section, EST-4
       Contact: [   ] extension (703)[   ]   b6
                                                                        b7C

Approved By: [   ]
              [   ]

Drafted By: [   ] llp

Case ID #:   (U) 269-HQ-1001725   (Pending)

Title: [X] NETWORKS ACCESS DEVELOPMENT (EST-4)
   (C)   REDHOOK PROJECT   b1
            [   ]

Synopsis: [X] Trip report for travel to Ottawa, Canada in
(C) direct support of loaned RedHook equipment [   ]   b1

        (U)   Derived from: G-3
               Declassify On: X-1

Reference: (U) FD540 #1612992 Serial   b6
                                                                       b7C
Details: (X) On 6/4/96 [   ]
(C)   [   ]
          [traveled to Ottawa, Canada at the request of   ]
                                                                      b1
(C) [   ] b6
                                                                     b7C
   b7E

        [X] The purpose of this travel was to demonstrate a
RedHook integrated services digital network (ISDN) intercept
system for possible deployment and purchase of additional systems
(C) by [   ] The RedHook system that was used for this demonstration b1
is on a temporary loan to [   ] for three months with an
anticipated return date of 9/6/96.
                                                                      b1

(C) at the [X] The system was successfully installed and tested
    at the [   ] facility. During testing it was discovered that the
ISDN lines installed for this demonstration were not functioning
normally. The lines were experiencing abnormally high far end
bit errors (FEBEs). These FEBEs were occurring in bursts that
repeatedly caused the RedHook serial bridge to go into a safety

----
Case ID : 268-HQ-1001725   Serial : 55

bypass mode. When an ISDN line tester was placed on the line, the FEBEs were found to be intermittent and of varying severity.

(C) The[   ]were briefed on the RedHook system during a period when the FEBEs were not as severe. Following the briefing, [   ]gave a live demonstration using the ISDN lines that were experiencing FEBEs. During the demonstration, the system performed perfectly.

b1
b2
b6
b7C
b7E

(C) After the briefing was concluded, the ISDN lines again returned to a state of abnormally high FEBEs [   ] RedHook system to another location that has known good lines.

(C) After returning to the Engineering Research Facility, the [   ]personnel have repeatedly encountered the FEBEs and asked if the RedHook system could be modified to operate in this abnormal environment. [   ]has briefed them on the fact that the system presently allows[   ]times the bit error rate allowed[   ]

b2
b6
b7C
b7E

the RedHook bit error safety bypass function [   ]

[   ]RedHook serial bridge under these worst case conditions.

(C) [   ]again advised[   ]that the best possible action, at this time, is to transport the system to another location that has known good lines and proceed with the testing of the RedHook system.

b1
b2
b6
b7C
b7E

CC: [   ]

Precedence: ROUTINE   Date: 12/03/1996

                                           b6
To: Information Resources   b7C

From: Information Resources
         Electronic Surveillance Technology Section, EST-4
         Contact: [   ] extension 703 [   ]

Approved By: [   ]

Drafted By: [   ] :llp

Case ID #:   (U) 268-HQ-1001725   (Pending)   b2
                                                        b6
Title: (U)   EST-4   b7C
              REDHOOK   b7E
              TRIP REPORT

(U) Synopsis: (S) EST-4 [   ] traveled to the San Francisco Office (SFO) to survey a possible [   ] deployment of the RedHook integrated services digital network (ISDN) intercept system [   ]

        (U)   Classified By: G-3
                 Declassify On: X-1

(U) Details: (S) On 11/13/96 [   ] traveled to the SFO to conduct a site survey for a possible [   ] deployment of the RedHook ISDN intercept system. The technical point of contact in the SFO for this effort is [   ] The case agent is [   ] also from the SFO.

(U)   (S) The under cover (UC) location for the collection   b2
and storage of the data forwarded from the RedHook collection   b6
device is in [   ] This site has existing T1   b7C
facilities but this equipment does not support the [   ]   b7E
required to forward the intercepted data being forwarded from the
subscriber location.

(U)   (S) [   ]   b2
                                                                            b6
[   ]   b7C
                                                                            b7E

(U)   (S) [   ] made a special request that the
RedHook system be configured to operate [   ]

Case ID : 268-HQ-1001725   Serial : 56

[   ] EE [   ] is testing this
configuration in the EST-4 laboratory to ensure that this
configuration operates properly.

(U) .... ✗   b2
                                                             b6
                                                             b7C
                                                             b7E

                            The RedHook system is designed
to only intercept at the [   ] wire interface. [
    ] will convert the subscriber's line from [   ] wire to
[   ] wire prior to the deployment of the RedHook system. [
    ] will then convert the line back to a [   ] wire
interface prior to the service reaching the subscriber's desktop.

(U) .... ✗   b2
                                                             b6
                                                             b7C
                                                             b7E

(U) .... ✗

(U) .... ✗ The target installation date for this RedHook
system is after 12/15/96. A RedHook fly-away system has been
identified and is being checked out to support this installation.

LEAD (s):

Set Lead 1:

INFORMATION RESOURCES

        For information only purposes.

CC: [   ]

                            b6
                            b7C

Precedence: ROUTINE   Date: 01/17/1997

To: Information Resources   Attn: [   ]

b6
b7C

From: Information Resource
        Electronic Surveillance Technology Section
        Network Access Development Unit
        Contact: [   ]703[   ]

Approved By: [   ]

Drafted By: [   ]llp

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

Title: UNESCORTED ACCESS
        ENGINEERING RESEARCH FACILITY (ERF)
        REDHOOK PROJECT
        ISSUANCE OF RETENTION BADGE

Synopsis: [   ]employee [   ]is presently assigned to
assist the Network Access Development Unit (EST-4) with matters
pertaining to the RedHook project. EST-4 is asking the Technical
Operations Section to issue a retention badge to
[   ]

Details: The EST-4 RedHook project is being supported by [   ]
employee [   ] has a[   ]clearance and
presently is allowed unescorted access to the ERF. Because
[   ]works in this facility[   ]days a week a retention badge
would limit the administrative burden associated with daily
checking in.

b6
b7C

[   ]has been working for EST-4 [   ]
working[   ]days a week on-site. It is expected that[   ]
will continue to work at the ERF for a minimum [   ] The
point of contact for[   ]is EST-4 Electronics Engineer
[   ]
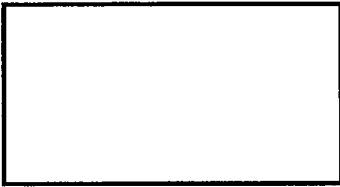
b6
b7C

   LEAD (s):

Set Lead 1:

ALL RECEIVING OFFICES

        Issue a retention badge to [   ]

[   ]

b6
b7C

Case ID : 268-HQ-1001725   Serial : 57
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-04-2007 BY 65179DMH/KSR/LMF

b6
b7C

Precedence: ROUTINE   Date: 05/29/1997

To: Finance Division   Attn: [_____]Room 6032
                                      [_____] Room 6875
                                      [_____] Room 6875
                                      (Enclosures 3)
      National Security   Attn: [_____] Room 7110   b6
      Criminal Investigative   Attn: [_____] Room 7116   b7C
      Information Resources   Attn: [_____] Room 5835

From: Information Resources
       Electronic Surveillance Technology Section, EST-4
       NADU, QT ERF
       Contact: [_____](703)[_____]

Approved By: Morris Carolyn G
             [_____]

Drafted By: [_____] llp

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

Title: NETWORK ACCESS DEVELOPMENT UNIT
         PROJECT REDHOOK
         CONTRACT ACTION

Synopsis: The EST-4 Unit is recommending that funding be approved
to enhance the RedHook processing and distribution unit (PDU).
Additional funding is also being asked for to support present and
future case support.

Enclosures: STATEMENT OF NEED
                   INTERNAL CONCEPT PROPOSAL   b2
                   Requisition #[_____]   b7E

Details: FBI Contract[_____]was issued to [_____]
[_____]This contract was divided into [___]phases:

                                        DATE: 06-04-2007
                                        CLASSIFIED BY 65179DMH/KSR/LMF
                                        REASON: 1.4 (B/G)
                                        DECLASSIFY ON: 06-04-2032

                                        ALL INFORMATION CONTAINED
                                        HEREIN IS UNCLASSIFIED EXCEPT
                                        WHERE SHOWN OTHERWISE

Case ID : 268-HQ-1001725   Serial : 59

At the completion of this contract it was determined that the
system required further development prior to implementing

b2
b7E

FBI Contract [   ] was issued to [   ]
[   ] The purpose of this contract is to ensure
that the future RedHook production systems meet the FBI's [   ]
intercept requirements. The Contracting Officer's Technical
Representative for this contract is Electronics Engineer

b6
b7C

Enhancements that have been added to the RedHook system
thus far in the contract are multi-point collection capability,
automatic database recovery, bridge transparency improvements,
and multiple line cards placed in the virtual memory extended

b2
b7E

During a recent deployment of the RedHook system the
[   ] caused several
operational problems. The problems are related to the fact that
[   ] is rapidly becoming defunct.

The [   ] system to control the
processing of incoming data from the [   ] [   ]
is used to migrate the captured [   ]
[   ] for distribution to the user
workstations for monitoring and storage.

The [   ] used to control this data
flow has called for final purchase quantities as it is being
discontinued. The updated [   ] is incompatible
with [   ] used with the RedHook PDU. After three
months of trying to unsuccessfully get the manufacturer to fix
the incompatibility problem, it is the Contracting Officer's
Technical Representative's opinion that an alternate [   ] should
be designed.

b2
b7E

There are several advantages to a redesign of the [   ]

A personal computer based [   ] would greatly reduce the
cost of purchasing [   ] systems [   ] based [   ]
costs [   ] while a PC based [   ] is estimated to cost

The design of the [   ]
with the ISDN RedHook bridge unit would have to be
[   ] PC card form factor but not re-designed,
and

b2
b7E

The PC based [   ] would greatly reduce the size and
weight of the [   ]
[   ] weighs [   ] pounds and is [   ] inches
while the PC based [   ] would weigh less than [   ] pounds
and is a standard [   ] inches).

The RedHook Project is approaching [   ] the procurement phase. GSA has already given approval for an indefinite purchase - indefinite quantity contract with [   ] [   ] with a ceiling of [   ] It is anticipated that this development effort will cost [   ] The purchase of 11 systems will be the break-even point for the cost of this enhancement.

b2
b7E

(S)   It is anticipated that there will be multiple United States government agencies purchasing RedHook systems, as well as, both the [   ]
[   ]

b1

(S)   EST-4 is recommending that the Contract Review Unit (CRU) coordinate the tasking of [   ] [   ] to enhance the [   ] Specifically to redesign the [   ] to operate on a [   ] based personal computer.

b2
b7E

EST-4 is also asking for additional funding for both case support and new development of system enhancements required for future deployments. The additional funding for this effort is [   ]

Requisition [   ] dated 8/28/96 is in place for [   ] and requisition [   ] dated 5/29/97 is enclosed to fund this effort. LEAD (s):

b2
b7E

Set Lead 1:

FINANCE DIVISION

That the CRU coordinate the enhancement tasks for [   ] to upgrade the RedHook system and add additional funding for case support.

Set Lead 2:

b2
b7E

CRIMINAL INVESTIGATIVE

For Information purposes only.

Set Lead 3:

NATIONAL SECURITY

For Information purposes only.

Set Lead 4:

INFORMATION RESOURCES

For Information purposes only.

[   ] QT ERF

b6
b7C

QT ERF
QT ERF
QT ERF
QT ERF (Enclosures 3)

b6
b7C

Precedence: ROUTINE   Date: 06/30/1997

To: Finance Division   Attn: [   ]Room 6032
                                               [   ]Room 6875
                                               [   ]Room 6875
(Enclosure) National Security   Attn: [   ]Room 7110
          Criminal Investigative   Attn: [   ]Room 7110
          Information Resources   Attn: [   ] Room 5835
                                    Attn: [   ]Room 8998

From: Information Resources
       Electronic Surveillance Technology Section, EST-4   b6
       NADU, QT ERF   b7C
       Contact: [   ] (703) [   ]

Approved By: Morris Carolyn G
              [   ]

Drafted By: [   ]llp

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

Title: NETWORK ACCESS DEVELOPMENT UNIT (NADU)
         PROJECT REDHOOK
         CONTRACT ACTION

Synopsis: The EST-4 Unit is recommending that funding of[   ]
be approved to support the Information Resources Division,
Investigative Applications Support Unit's Signal Related   b2
Information Database Input/Output Format.   b7E

Enclosures: Requisition number [   ]

Details: On 6/27/97[   ] Unit Chief of the
Investigative Applications Support Unit, met with Electronic
Surveillance Technology personnel [   ]
[   ] to discuss how the RedHook system's collection
database output [   ] Also present at the
meeting was [   ] employee [   ]

        As a result of this meeting it has become evident that
additional funding of[   ]will be required to characterize   b2
the possible output information collected during an[   ]lawfully   b6
authorized telecommunication intercept. This funding will be   b7C
used to purchase and test a majority of the services that [   ]is   b7E
presently capable of and documenting how those services are
stored in the RedHook system's database.
  LEAD (s):

Set Lead 1:   ALL INFORMATION CONTAINED
                   HEREIN IS UNCLASSIFIED
                   DATE 06-04-2007 BY 65179DMH/KSR/LMF

Case ID : 268-HQ-1001725   Serial : 60

Precedence: ROUTINE   Date: 07/21/1997

To: Information Resources   Attn: [   ] Room 5835
                                        (Enclosure)
From: Information Resources
          Electronic Surveillance Technology Section, EST-4,
          NADU, QT ERF
          Contact: [   ] (703) [   ]   b6
                                                                      b7C

Approved By: Morris Carolyn G
                [   ]

Drafted By: [   ] llp

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

Title: NETWORK ACCESS DEVELOPMENT UNIT
         PROJECT REDHOOK
         CONTRACT REVIEW BOARD (CRB) MEETING

Synopsis: This communication is to notify Assistant Director
Morris of a CRB meeting on 7/25/97 at 10:00 a.m. to review an
enhancement to the RedHook contract with [   ]
[   ]

Enclosures: History of contract   b2
                                                                      b7E

Details: The EST-4 Unit has recommended that funding be approved
to enhance the RedHook project. This enhancement funding is for
development of a new personal computer [   ]
[   ]
[   ]

   LEAD (s):   b2
                                                                      b7E

Set Lead 1:

INFORMATION RESOURCES

          AT WASHINGTON, DC

          For information purposes only.

CC: [   ]Enclosure) QT ERF
    [   ]Enclosure) QT ERF   b6
    [   ] (Enclosure) QT ERF   b7C

Case ID : 268-HQ-1001725   Serial : 61

Precedence: ROUTINE   Date: 02/05/1998

To: Finance Division   Attn: [   ] Room 6032
                                          Room 6875
                                          Room 6875
                                          (Enclosure)

      National Security   Attn: [   ] oom 7110
      Criminal Investigative   Attn: [   ] Room 7116
      Information Resources   Attn: [   ] Room 5835
                                          Room 8998   b6
                                                             b7C

From: Information Resources
        Electronic Surveillance Technology Section, EST-4
        NADU, QT ERF
        Contact: [   ] (703) [   ]

Approved By: Morris Carolyn G
              [   ]

Drafted By: [   ] :llp

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

Title: NETWORK ACCESS DEVELOPMENT UNIT (NADU)
        PROJECT REDHOOK
        CONTRACT ACTION

Synopsis: [   ]   b2
[   ] be approved to support the field deployments involving   b7E
the collection of [   ] and
the replacement of [   ]
[   ]

Enclosures: [   ]

Details: The RedHook ISDN intercept system has successfully
completed its development of a personal computer (PC [   ] The
PC [   ] is replacing [   ]   b2
based solution deployed prior to this development. The EST-4 is   b7E
requesting that a pre-production quantity of [   ]
be built to certify production quality and replace systems that
are already fielded.

        Additionally EST-4 is requesting that a field support
task, with the low level development that is involved with field
support, be funded through December 1998. The funding required
for field support is [   ] The funding required for the pre-production
[   ] The total funding required for
this contract action is [   ]   b2
                                                                 b7E

        The RedHook system has been successfully deployed in

Case ID : 268-HQ-1001725   Serial : 72

[   ] locations with additional locations requesting [   ] support.
These pre-production PC [   ] will ensure that the FBI maintains a
core capability to deploy [   ] intercepts prior to full
production quantities being procured.

        The field support effort has been extremely valuable in   b2
all previous RedHook installations due to the complex nature of   b7E
both the technologies present in the collection system, the
target system, and the forwarding systems.

        [   ] is, and will remain, a rapidly developing
[   ] This requires the FBI to maintain
a team of engineers capable of developing field modifications to
the RedHook system when required to conduct lawfully authorized
ISDN collections.

        [   ] is typically used in Internet related
communications due to its increased speed and reliability over   b2
modem communications. These [   ] connections often   b7E
bring the [   ] first adding to the technical
overhead on these types of lawfully authorized collections. LEAD (s):

Set Lead 1:

ALL RECEIVING OFFICES

        For informational purposes only.

LEAD (s):

Set Lead 2:

FINANCE DIVISION

        AT WASHINGTON, DC

        The Finance Division is requested to schedule a [   ]   b2
Contract Review Board meeting and present the [   ]   b7E
proposal for RedHook funding.

CC: [   ] QT ERF
   [   ] QT ERF
   [   ] QT ERF

        b6
        b7C

Precedence: ROUTINE   Date: 08/06/1998

To: Information Resources   Attn: [   ] QT-ERF

From: Information Resources
       Electronic Surveillance Technology Section/CIMU/QT-ERF
       Contact: [   ] (703) [   ]

                                                          b6
Approved By: [   ]   b7C

Drafted By: [   ] ehb

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

Title: RED HOOK
        TRIP REPORT   b6
                                                             b7C

Synopsis: To report the details of Electronics Technician (ET)
[   ] travel to Melbourne, Florida, to attend the Red
Hook Digital Intercept System status and planning meeting on
07/29-31/98.

Details: ET [   ] traveled to Melbourne, Florida to attend a
meeting [   ] which was conducted by
Electronics Engineer [   ] (EST-4). The status of
the Red Hook project was discussed. Matters discussed included   b2
open tasks, action items, and development time lines. Acceptance   b6
testing is tentatively planned for mid September.   b7C
                                                                     b7E

        A "lunch Box" computer-based Red Hook system, called
"Red Hook Lite," was proposed by [   ] and approved for
development. This system will have a simplified [   ]
[   ] and will be designed for quick reaction
deployment. ET [   ] provided input regarding the tactical
advantages of the Red Hook Lite system and format of the
simplified [   ]

 LEAD (s):

Set Lead 1:

INFORMATION RESOURCES

        AT QUANTICO, VA

        For information only.   b6
                                     b7C
CC: 1 - [   ] QT-ERF
      1 - [   ] QT-ERF

Precedence: ROUTINE   Date: 03/30/1999

To: Finance   Attn: [_____] Room 6888
                                                          Room 6888
                                                   (Enclosure)

           Criminal Investigative   [_____] Room 5155
           Laboratory   b6   [_____] QT ERF
                                      b7C   [_____] QT ERF
                                               [_____] QT ERF
                                                   (Enclosure)

From: Laboratory
       Electronic Surveillance Technology Section, EST-4
          DITU, QT ERF
          Contact: [_____] (703) [_____]

Approved By: [_____]
                                              b6
                                              b7C

Drafted By: [_____] :llp

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

                                                              b1
Title: (U) REDHOOK
             CONTRACT ACTION

Synopsis: (C) The [_____]
has delivered funding to the FBI for the production of two
integrated services digital network (ISDN) collection systems.
The FBI is also funding the purchase of a number of key system   b2
components to maximize its present ISDN deployment capability.   b7E
These pre-production prototypes will be fabricated at [_____]
[_____]

           (U)   Derived From : G-3
                     Declassify On: X1

Enclosure(s): (U) Requisition number [_____]
                                                              b1
Details: (C) [_____] to the FBI for the   b2
purchase of two pre-production ISDN intercept systems. These b7E
systems will be [_____]
[_____]

       (U)   The DITU will be purchasing a number of system
components to maximize the number of lawfully authorized ISDN
collections the FBI is able to support. The following is a list
of those components DITU will be purchasing; eight line cards to

----

support processing and distribution units, 18 Melcher power
units, and 18 single slot bridge chassis. The enclosed funding
of [   ] is for the purchase of these components. Residual
funding will be used for case support.

b2
b7E

LEAD(s):

Set Lead 1:   (Adm)

CRIMINAL INVESTIGATIVE

AT WASHINGTON, DC

(U)   For information only.

Set Lead 2:   (Adm)

LABORATORY

AT QUANTICO, VA

(U)   For information only.

Set Lead 3:   (Adm)

FINANCE

AT WASHINGTON, DC

(C)   (S)   That the Finance Division coordinate the purchase
of two pre-production prototypes for [   ] and system components
to support maximizing the FBI's deployment capability.

b1
b2
b7E

Precedence: ROUTINE   Date: 09/01/1999

To: Laboratory   Attn:
```
                                        ┌──────────────┐QT-ERF
                                        ├──────────────┤  QT-ERF      b6
                                        └──────────────┘QT-ERF        b7C
                                        (Enclosure)
                                        ┌──────────────┐QT-ERF
                                        └──────────────┘  QT-ERF
                                        (Enclosure)
```

From: Laboratory
       Electronic Surveillance Technology Section/EST-4
          DITU, QT-ERF
          Contact: [_____] (703) [_____]

Approved By: [_____]   b6
                                                         b7C

Drafted By: [_____] 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.

LEAD(s):

Set Lead 1:

        LABORATORY

            AT QUANTICO, VA

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

Case ID : 268-HQ-1001725   Serial : 78

b6
b7C

Precedence: ROUTINE   Date: 10/29/1999

To: Laboratory   Attn: [   ] QTERF
                                              [   ] QTERF (Enc.)
                                              [   ] QTERF (Enc.)
                                              [   ] QTERF (Enc.)
                                              [   ] QTERF (Enc.)

From: Laboratory
      Electronic Surveillance Technology Section/Operational
      Support Tracking Office
      Contact: [   ] (703)[   ]   b6
                                                              b7C

Approved By: [   ]

Drafted By: [   ] alm

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

Title: OPERATIONAL SUPPORT TRACKING OFFICE (OSTO)
       [   ]
       PROJECT REDHOOK
       [   ]

Synopsis: [   ] and REDHOOK Phase Five Review was   b2
held on 10/21/1999 at the Engineering Research Facility. The   b7E
results, conclusions and recommendations from these reviews are
captured in the attached [   ] and Project REDHOOK
Phase Five Review Report, dated 10/21/1999.

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

Details: The Phase Five Review for [   ] and REDHOOK   b2
was held at the Engineering Research Facility on 10/21/1999.   b6
[   ] Project Leader, Data Intercept Technology b7C
Unit, provided an overview and status of current activities for   b7E
[   ] and REDHOOK. Key decisions from these
presentations are captured within the referenced enclosure.
  LEAD(s):

Set Lead 1:

      LABORATORY

      AT QUANTICO, VA

Case ID : 268-HQ-1217551   Serial : 5
          268-HQ-1001725 ALL INFORMATION CONTAINED   79
                          HEREIN IS UNCLASSIFIED
                          DATE 06-04-2007 BY 65179DMH/KSR/LMF

Freedom of Information
and
Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION DOCUMENTS

Section: 21

Federal Bureau of Investigation

From: ████████████████(OTD) (CON)
Sent: Friday, May 05, 2006 10:00 AM
To: ████████████████(OTD)(CON)████████████████(OTD) (CON)
Subject: RE: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD   b2
                                                                  b7E

Here in TICTU, there is a vast difference between "should be" and "is". I agree that we need to work towards "should be". I started to say more in my earlier e-mail and thought better of it. Here we go...

Most of the information that this local security manager is expecting should in fact be in the SSP. Were we to have gone down the path of separate accreditations per site then we would have this for our site. Currently we are lacking a majority of what this gentleman is asking for ████ is correct. It needs to be in the documentation. The process of acquiring this information and getting it all into a consolidated SSP is going to be a long road that is all uphill. As you may remember after my initial trip to ████████ I found that the ████████ Field office had no network drawings of their system or interconnecting network interfaces, poor training, poor documentation, and a general dependence on outside services such as ████████████ If we bite off on this, we should plan on visiting each site. In a perfect world I would bring on temporary help to travel to each site gathering information, producing accurate network drawings, and inventorying the system (this is partly why I was concerned that our ████████████ instructions received last week, no longer include the site system inventory)

Let me speak in general concerning our ████████████████ Our ████ and related documents are in most cases the "bare minimum" required to gain ████████ When we received ████ was surprised. Were I inspecting TICTU, I too would have found ████████ items. As you found yesterday, there is no plan in place to accomplish the ████████

This request troubles me. I am sure this is going to raise questions. Let me know when you want to meet.   b2
                                                                  b7E

>> ████████████████

-----Original Message-----
From: ████████████████(OTD)(CON)
Sent: Friday, May 05, 2006 8:13 AM
To: ████████████████(OTD) (CON)████████████████(OTD) (CON)
Subject: RE: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD   b6
                                        b7C

████████████████

The documentation ████████ was asking for should be included in the SSP's for the system. On the issue of bringing in / connecting electronic devices, we probably need to discuss it and come up with a plan that is acceptable to the FBI as a whole. I know how most of the IC deals with this issue, but don't know the DOJ answer.

████████ TICTU ISSO
(O) 703 ████████

1

(P) 703☐
(C) 703☐

-----Original Message-----
From: ☐(OTD) (CON)
Sent: Friday, May 05, 2006 7:20 AM
To: ☐OTD) (CON)
Cc: ☐(OTD)(CON)
Subject: RE: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

My thought is that there should be unified position and (internally) coordinated guidance before the field is provided information. This will all come rolling into☐lap if it doesn't go well. He should be informed #1. You☐and ☐should put your heads together and come up with the answer(s) - this will certainly affect☐too. ☐ needs to be brought in (thru☐as well.

I believe the SSP(s) is a living document and can be adjusted over time to meet things that come up like this. The Bureau has always been strict on items connecting to networks/systems that contain memory, but costs, benefits, and risks need to be weighed.☐seems to be becoming the new☐for "problems." This has potential to blow up.

☐please see me about this.

Thanks for the heads up☐

-----Original Message-----
From: ☐OTD) (CON)
Sent: Thursday, May 04, 2006 4:01 PM
To: ☐OTD) (CON)
Subject: FW: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

FYI,

Any thoughts?

>>   ☐

-----Original Message-----
From: ☐(DL) (FBI)
Sent: Monday, April 24, 2006 9:43 AM
To: ☐DL)(FBI);☐(OTD) (FBI☐(OTD) (FBI);☐(OTD)
☐(FBI☐(OTD) (FBI)☐(OTD) (CON)
Cc: ☐(DL)(FBI☐(DL)(FBI)☐(DL)(FBI);☐(DL)
☐(CON)
Subject: RE: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

☐gave some guidance for the dcs6000, Thanks☐
since ERF is going to get these requests from everyone in the field, I suggest we wait for a unified reply from the ERF folks on the dcs1000,3000 and 5000 platforms at which time we can show how☐has configured the

interconnections, etc.
Any ideas?

b6
b7C

-----Original Message-----
From: [REDACTED] DL)(FBI)
Sent: Sunday, April 23, 2006 3:50 PM
To: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI) [REDACTED] (OTD) (FBI); [REDACTED] (OTD)
(FBI) [REDACTED] OTD) (CON)
Cc: [REDACTED] (DL) (FBI); [REDACTED] (DL)(FBI); [REDACTED] (DL)(FBI); [REDACTED] (DL)
(FBI) [REDACTED] (DL) (CON)
Subject: Security Issues w/ ERF/TTA Networks

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

b6
b7C

Hello y'all - I'm seeking your advice to hopefully save a lot of work. [REDACTED] just
returned from Security training and has been designated the computer/network security person for our
Division (ISSO?). He advised that HQ has mandated that he obtain all sorts of info from our
systems/networks i.e: DCS 1000, DCS 3000, DCS 5000, DCS 6000 etc.

b6
b7C
[REDACTED] wants an accounting for all of the systems we, as TTAs & DCSPs, maintain. He wants to have
diagrams, schematics, charts etc on what we have and how everything is connected. He wants lists of all of
the general users and all of the limited/admin users.

Is this duplicating what has already been done @ ERF w/ the security certification for each system? Or is
there a new mandate to have this info on file w/ the specifics for each individual field office?

b6
b7C
[REDACTED] also discussed restrictions regarding contractors and non employees working on, touching our
systems. He even mentioned the phone company installers when they come to install/troubleshoot circuits
etc. My understanding from this conversation is that they are not suppose to bring in computers, test
equipment, etc that have memory etc. We are suppose to supply the computers/equipment for them to use.

b2
b7E
I know that when [REDACTED] comes to install our new [REDACTED] the week after next, that they will have their own
computers, flash drives etc. I know that when [REDACTED] was just here to upgrade our database they brought
[REDACTED] will have equipment to test the new
DCS 3000 network connection in the [REDACTED] RA in the next couple of weeks.

b6
b7C
How can we best handle this situation? Do I need to get a copies of the certification documents from ERF
to give to [REDACTED] or should we just walk him through our system and have him make diagrams. Is there
something in writing that I can read to better understand what I have to do when [REDACTED]
[REDACTED] etc come into our space?

Any advice, comments etc would be helpful.

b2
b7E

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

3

From: [REDACTED] (OTD) (CON)　　　　b6
Sent: Monday, June 05, 2006 12:32 PM　　　　b7C
To: [REDACTED] (OTD)(CON)
Subject: discrepancies

~~SECRET~~
RECORD 268-HQ-1045581

1.1　[REDACTED] (U)　　　　b2
　　　　　　　　　　　　　　　　　　b7E

(U) 　1.1.1　[REDACTED]

(U) 　~~(S//NF)(S)~~

＿＿ This system does not connect with any other system.

X This system connects with the following network(s) or system(s):

SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY
[REDACTED]	SECRET	In process--FBI IAS
	SECRET	FBI
DCS-3000	SBU	FBI
[REDACTED]	UNCLASSIFIED	N/A

This is actually Section [REDACTED]

1.1　**Physical Environment**

(U) 　~~(S//NF)~~

Is the secure facility accredited or approved to process and store information at the level covered by this SSP?	**X** Yes 　　　☐ No	
Who accredited or approved the facility?	[REDACTED] FBI\SecD\Security Operations\ Physical Security Unit	
Provide CITE Nbr & DTG or Date of approval letter.	2 November 1998, EC Case Number ID# 261D-HQ-C1062048-707	
State the classification and level (compartment) approved for the facility.	**X** Secret 　　☐ SI 　　Others: _____ ☐ Top Secret 　☐ TK 　_____ 　　　　　☐ B 　_____	

b6
b7C

This is actually section [REDACTED]　　　b2
　　　　　　　　　　　　　　　　　b7E

Telecom. Intercept and Collection Technology Unit (TICTU)
Operational Technology Division (OTD)
(703[REDACTED] / (703[REDACTED]

b6
b7C

1

(OTD) (CON)

From:	[ ]OTD) (CON)	b6
Sent:	Wednesday, July 19, 2006 12:09 PM	b7C
To:	[ ](SecD) (FBI)	
Subject:	RE: Contingency plan information	

UNCLASSIFIED
NON-RECORD

[ ] is attending the ISSO training at Hogans alley this week. He will be back next week.

>> [ ]   b6
                                                                                b7C

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

From:	[ ]SecD) (FBI)	
Sent:	Monday, July 17, 2006 12:16 PM	
To:	[ ](OTD)(CON)	
Cc:	[ ](OTD) (CON) [ ](OTD) (FBI) [ ]OTD) (FBI)	
Subject:	RE: Contingency plan information	

UNCLASSIFIED
NON-RECORD

[ ]

```
        I need contingency plan results for the following systems:

        Data Collection System 3000
Data Collection System 5000                                    b6
                                                               b7C
Thank you,
```
[ ]

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

From:	[ ](OTD) (FBI)	
Sent:	Monday, July 17, 2006 12:12 PM	
To:	[ ](SecD) (FBI)	
Cc:	[ ](OTD)(CON) [ ]OTD) (CON) [ ](OTD) (FBI); [ ]	
	[ ](OTD) (FBI)	
Subject:	RE: Contingency plan information	

UNCLASSIFIED
NON-RECORD

[ ]

Per our phonecon [ ] for the systems in question. I'm sure he
will be able to provide anything you need. Though I believe that he may be out of the office at
least part of this week.

                                                           b6
                                                           b7C

[ ]

ELSUR Technology Management Unit (ETMU)

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-04-2007 BY 65179dmh/ksr/maj

1

Electronic Surveillance Technology Section (ESTS)
Operational Technology Division (OTD)
ERF, Quantico, VA   b2
Tel: (703)_____   b6
Cell:(202)_____   b7C
Fax:(703)_____

-----Original Message-----
From: [_____]SecD) (FBI)   b6
Sent: Monday, July 17, 2006 11:26 AM   b7C
To: [_____](OTD) (FBI)
Subject: Contingency plan information

UNCLASSIFIED
NON-RECORD

[_____]

I need contingency plan results for the following systems:

Data Collection System 3000
Data Collection System 5000

Thanks.

[_____]

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

2

Freedom of Information
and
Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION CD'S

Section: 12

Federal Bureau of Investigation

Electronic Surveillance Collection Systems and Projects			
Name	**Acronym**	**Function Description**	**Sponsoring Organization**
b2 b7E			
(S)	(S)		Counterintelligence Division
(S)	(S)		b1 b2 b7E
b2 b7E			
Digital Collection System 3000 (aka CALEA (Communications Assistance to Law Enforcement Act))	DCS 3000	DCS3000 application suite was developed to assist law enforcement agencies (LEAs) with collecting and processing data for court-ordered electronic surveillance (ELSUR) operations. LEAs dial into switches.	Investigative Technology Division

(2)

NAME	ACRONYM	DESCRIPTION	SPONSORING ORGANIZATION	CLASSIFICATION	FISMA CLASSIFICATION	DIRECTOR'S PRIORITY	SPONSOR'S PRIORITY	MISSION CRITICAL	TYPE	LOB/ CATEGORY/ LOB
	DCS 3000	DCS3000 application suite was developed to assist law enforcement agencies (LEAs) with collecting and processing data for court-ordered electronic surveillance (ELSUR) operations. LEAs dial into switches.	Investigative Technology Division	Sensitive But Unclassified	Law Enforcement			Critical	Application	ELSUR

Common Services Needs	Supporting System Name	...						Enterprise Guard	...

b1
b2
b7E

b2
b7E

| Digital Collection System 3000 | DCS 3000 | | | | | | | X | |
| | | | | | | | | X | |

b1
b2
b7E

	Common Subsystem Needs																				
Supporting System Name																					
(S)	(S)																				
(S)	(S)																				
Digital Collection System 3000	DCS 3000																				

b2
b7E

Supporting System Name		Implementing Service Needs														Forms Modification								Outbound Correspondence Mgt.												
Digital Collection System 3000	DCS 3000															X								X													
[redacted]	[redacted]															X								X													
[redacted]	[redacted]	b2 b7E														X								X													
[redacted]	[redacted]															X								X													
[redacted]	[redacted]																																				
[redacted]	[redacted]																																				
[redacted]	[redacted]															X								X													
[redacted]	[redacted]																																				
[redacted]	[redacted]																																				
[redacted]																																					

(2)

b1
b2
b7E

b2
b7E

Supporting System Name		*Language Services Needs*
(S)	(S)	
Digital Collection System 3000	DCS 3000	
☒	☒	

Intelligence Services Needs															
Supporting System Name															
(S)	(S)														
(S)	(S)														
Digital Collection System 3000	DCS 3000														
(S)	(S)														

b2
b7E

b1
b2
b7E

(2)

Freedom of Information
and
Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION CD'S

Section: 3

Federal Bureau of Investigation

Switch Based Intercepts Course

The New Paradigm

b2
b7E

DCS-3000 Deployments

pg-3

DCS-3000 Network
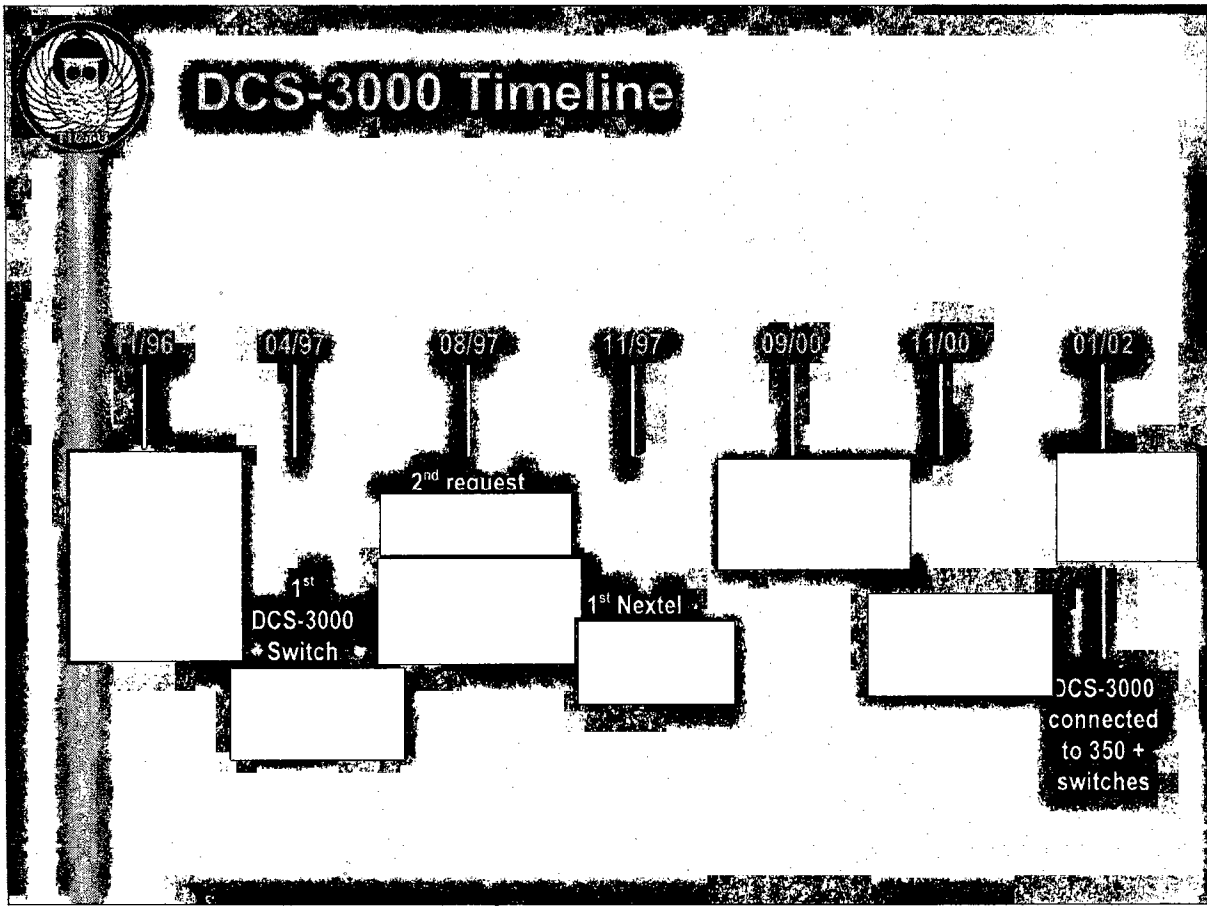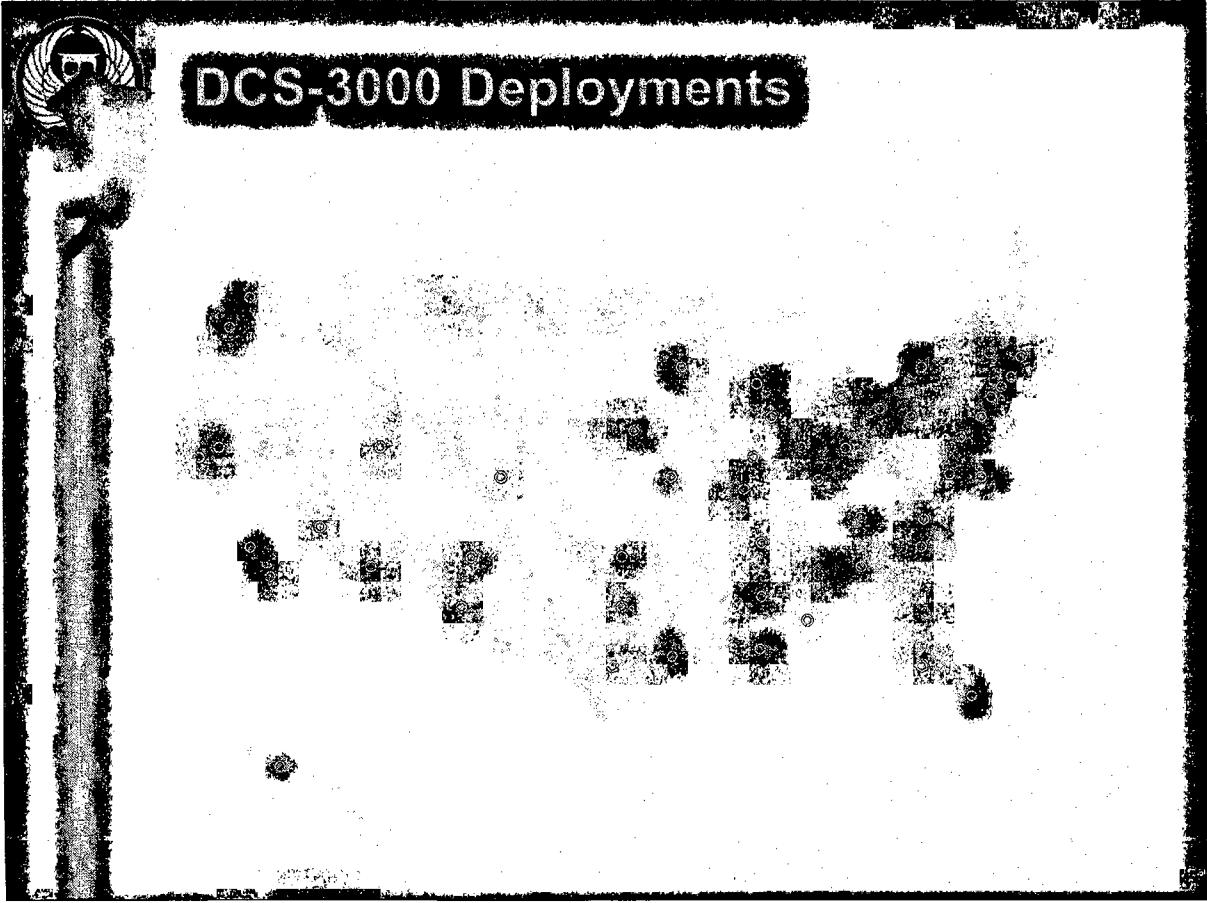
DCS-3000

DCS-3000 is currently deployed in [ ] FBI

pg-5

Switches Intercepted

b2
b7E

FBI TICTU
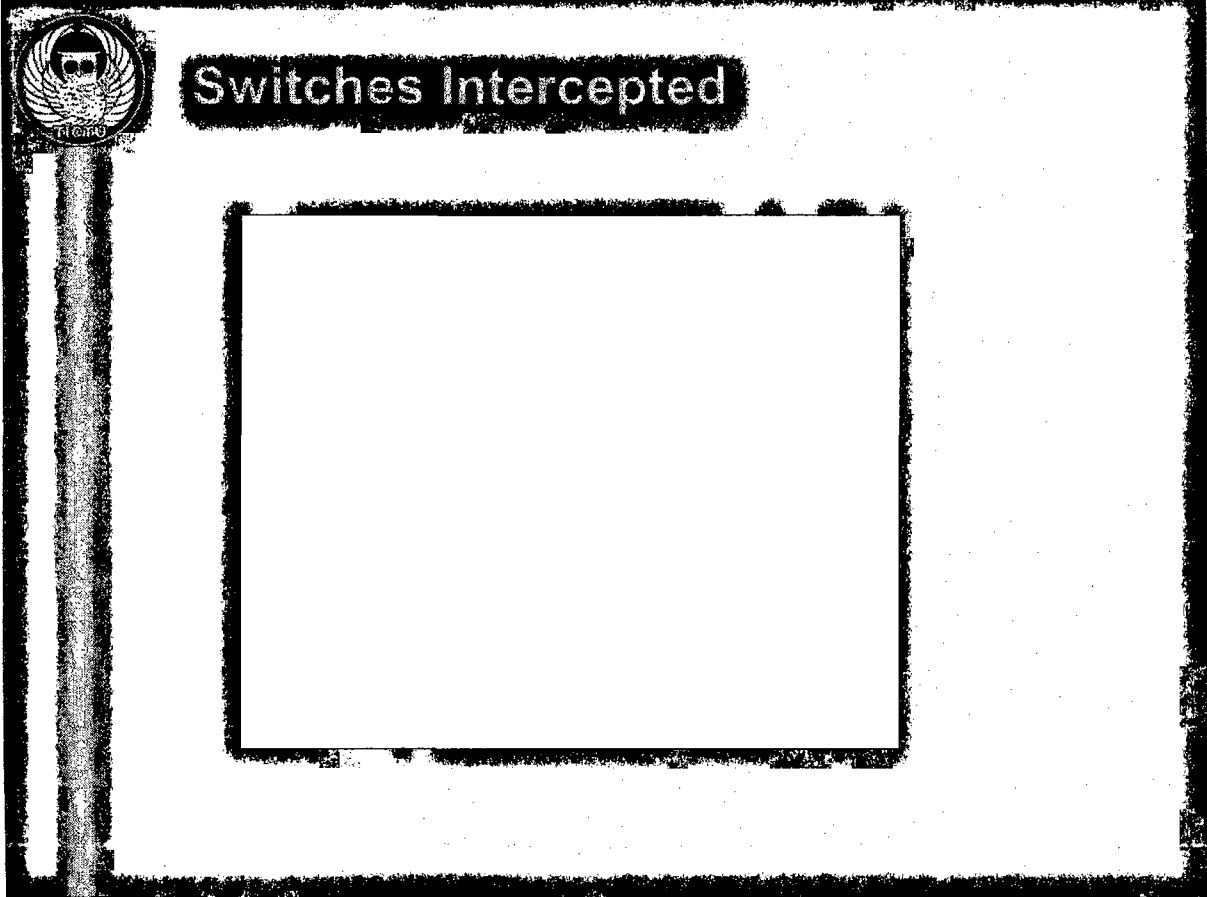
FBI — Switch-Based Intercept Team

Responsible for Development, Deployment and Maintenance of Telephone Switch-Based ELSUR Capabilities

Originally Developed DCS 3000 Solution for PCS/GSM Switches

DCS 3000 Has Evolved Into a Viable Interim Solution, Capable of Interfacing With Many Models of Wireline and Wireless Switches

Switch-Based Interception (SBI)

DOS BOX
FBI Software Suite
TICTU

FBI DCS 3000 Software Suite

- Suite of Several Windows-Based Applications that Assist With Collecting CALEA and Non-CALEA Call Data Channel Information (CDC) and Call Content Channel Information (CCC)

- Applications Include:
  - Client
  - Server
  - Multi-Server
  - VANGuard
  - Multi-VANGuard

- Configured to Collect Data for Court-Approved Surveillance Operations

FBI DCS 3000 Enhancements

- Now activated, end-user can generate "10 day" reports

- Provides the end-user a short-cut to directly access DCS 3000 log files

- Provides wireless market name for last received "serving system" message

b2
b7E

pg-3

b2
b7E

pg-4

FBI

Summary File Select List

Start Date (mm/dd/yy)

Stop Date (mm/dd/yy)

Associates

Generate Report

b6
b7C

b2
b7E

Close

pg-5

FBI

Open DCS Client File

Look in: DCS 3000

b2
b7E

File name:

Files of type:

Open

Cancel

pg-6

FBI
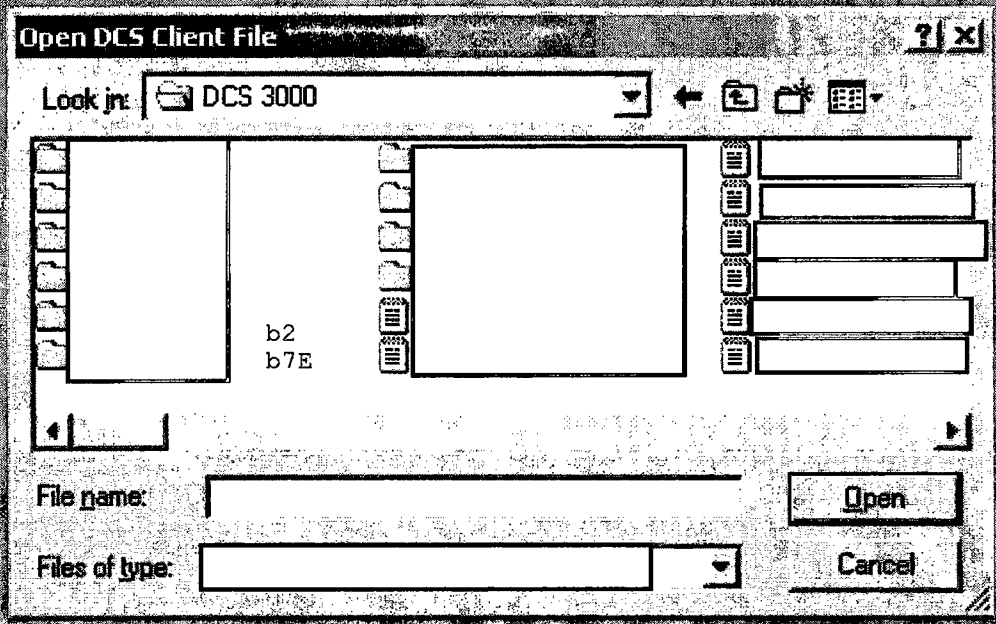
Select Target for

PHONE NUMBER	CASE ID	TARGET NAME
	b6 b7C	

[Ok]   [Cancel]

pg-7

FBI

b2
b7E

Information 01/21/2004 15:03:34

Target: SID:
Connecting to

Target:
SID: b2
Carrier: b7E
   City/State: b6
                                            b7C

✓ OK

pg-8

FBI

File   View   Reports   Help

Target   Carrier

orth America   United States   Virginia   Stafford area   0 mi 0.2   0.4   0.6   0.8

Switch-Based Intercept Team (SBIT)

Lat: Long: Cell: Tap Sys   Tap Time:

pg-9

Configure

Target Selection

Cell Analysis

Refresh

Map Cell | Time of Day | Day of Week

b6
b7C

b2
b7E

pg-10

FBI

Print

States California Los Angeles

Switch-   ed Filer Plate (SBI)

pg-11

b6
b7C

FBI

Switch-Based Intercept Tool (SBIT)

log

Print

b2
b7E

Time of Day

pg-12

pg-13

Switch Based FBI Intercepts Course
TICTU

b6
b7C
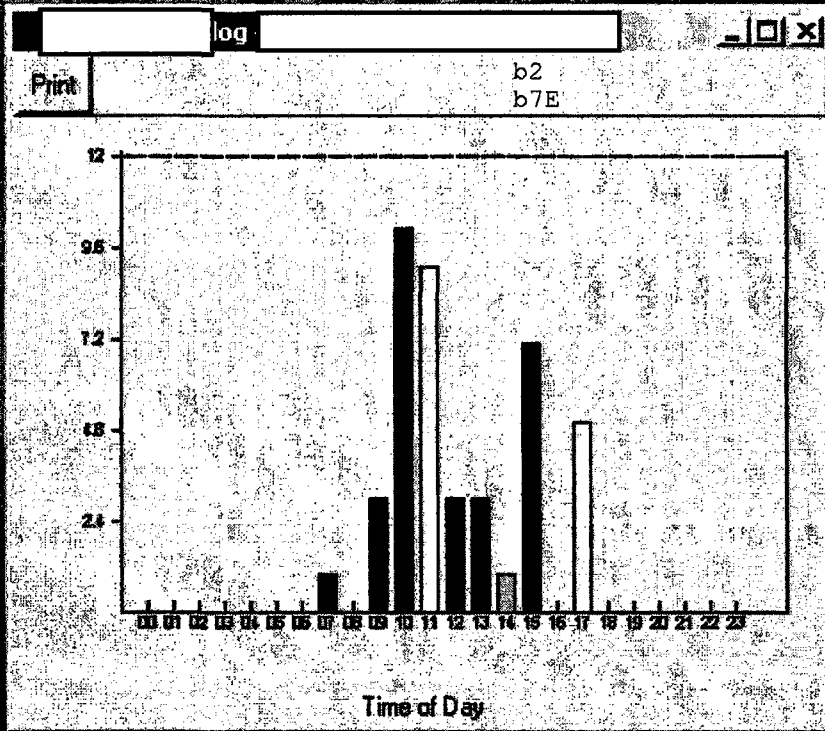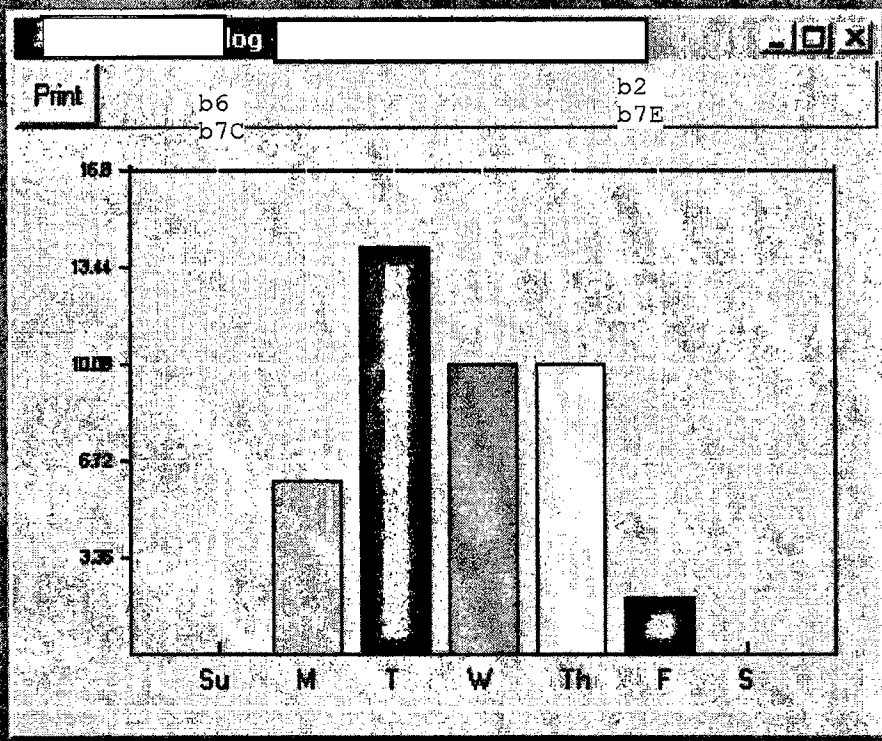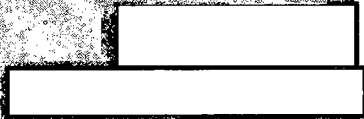
FBI — Purpose

The SBIC is an introductory course on CALEA intercept techniques and procedures. Upon completion of this course students should have a basic understanding of the CALEA Paradigm and specific training on the implementation of CALEA pen register collections utilizing the DCS 3000 suite of applications.

FBI Background

The Switch Based Intercept Team is responsible [ ]

DCS-3000 is the current interim solution used by the FBI

The FBI is investigating and deploying other options from outside vendors

b2
b7E

pg-3

b6
b7C

FBI Packet Assembler / Disassembler
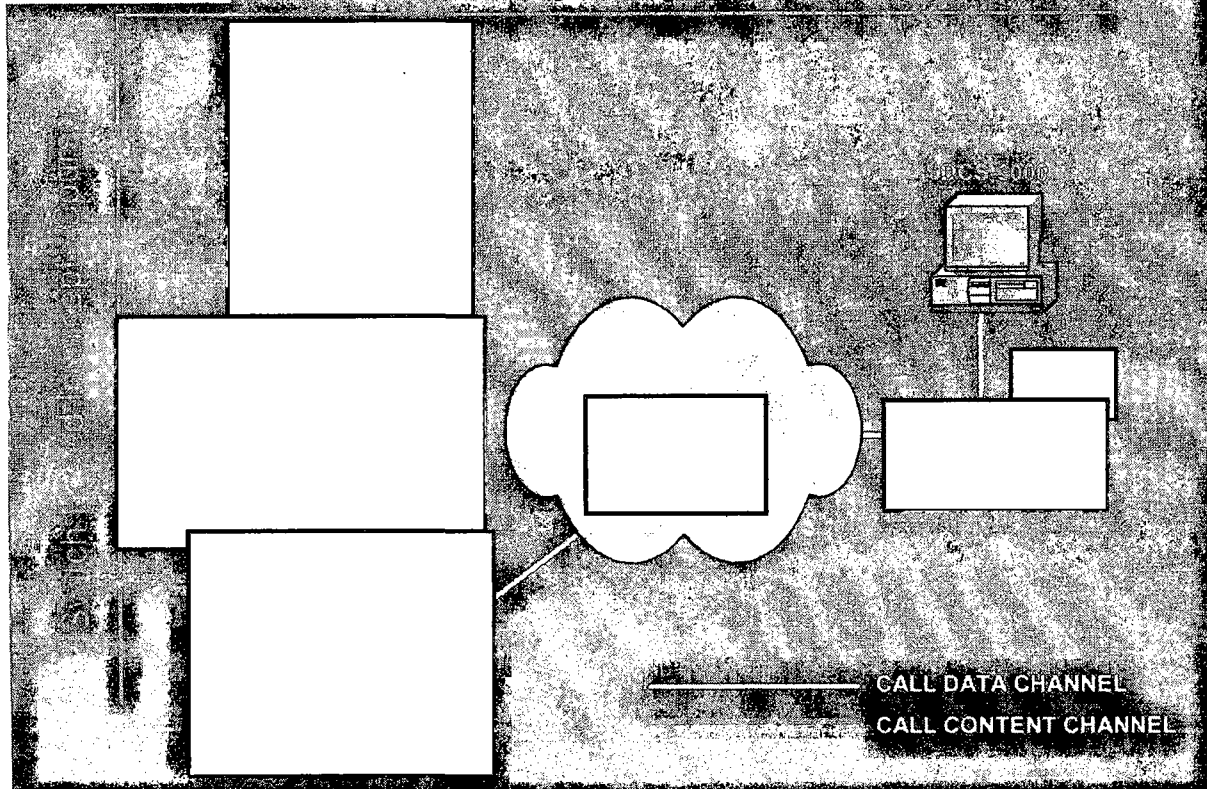
CALL DATA CHANNEL
CALL CONTENT CHANNEL

pg-2

United States Department of Justice
Federal Bureau of Investigation

b2
b7E

Electronic Surveillance (ELSUR) Operations with [REDACTED]

FBI Telecommunications Intercept and Collection Technology Unit

September 8, 2005

FBI

Telecommunications Intercept and Collection Technology Unit (TICTU)

pg-1

Technical Challenges
CDC/CCC Distribution

pg-2

CDC Distribution

pg-3

CCC Distribution

DCS-5000/6000

DCS-5000/6000

DCS-5000/6000

pg-4

DCSNet

b2
b7E

b2
b7E

pg-5
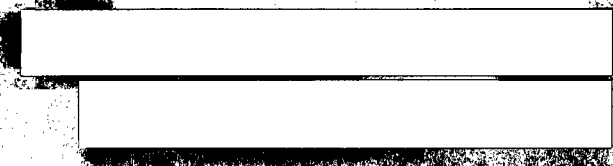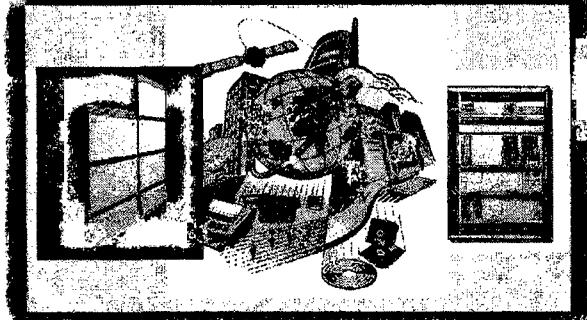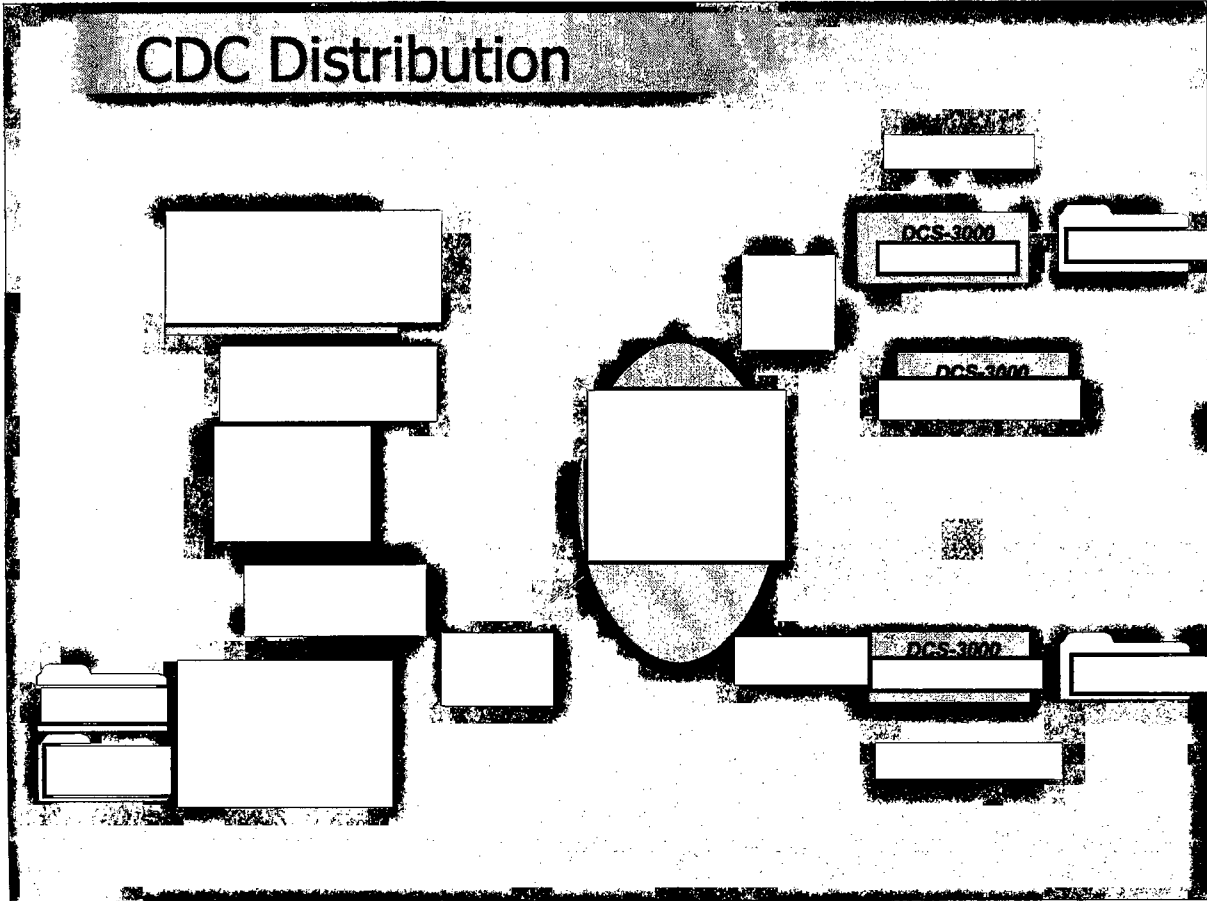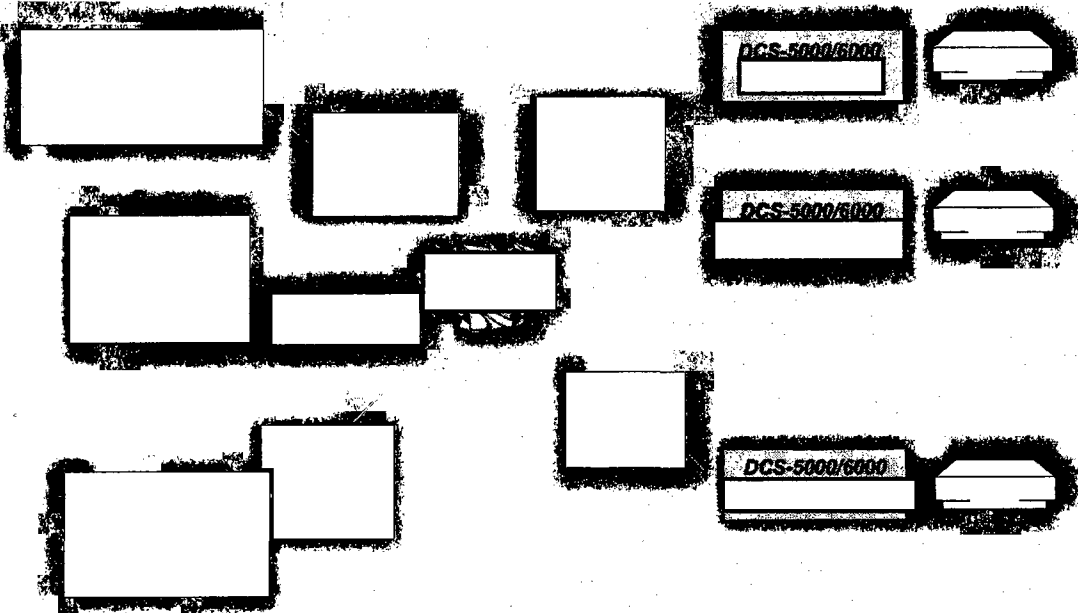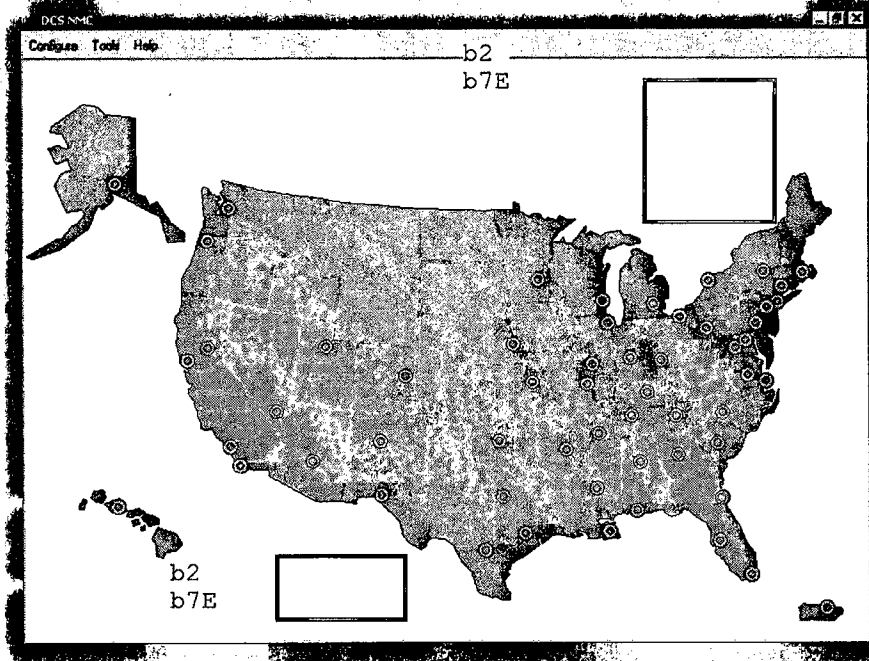
DCS-3000
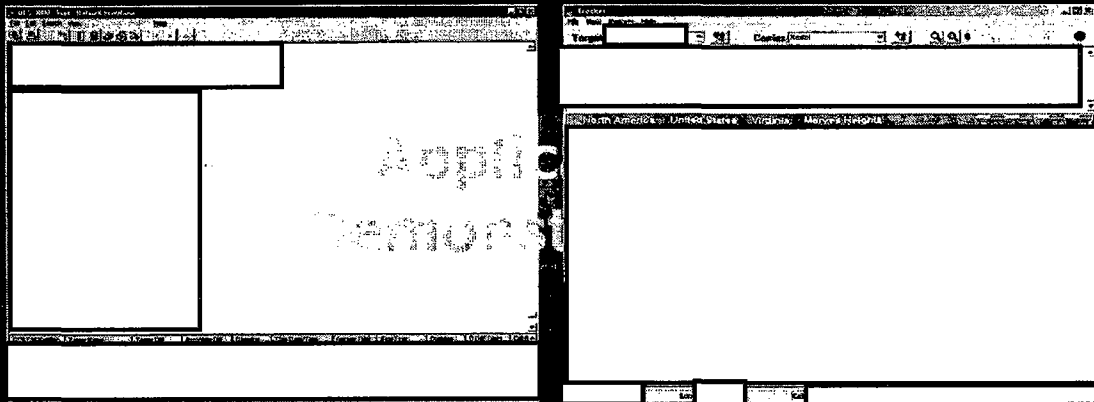
b2
b6
b7C
b7E

b2
b7E
b6
b7C

pg-6

United States Department of Justice
Federal Bureau of Investigation

Electronic Surveillance (ELSUR) Operations with

b2
b7E

FBI Telecommunications Intercept and Collection Technology Unit

November 3, 2005

Telecommunications Intercept and Collection Technology Unit (TICTU)

FBI
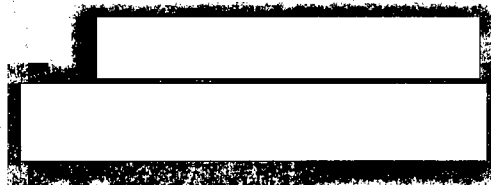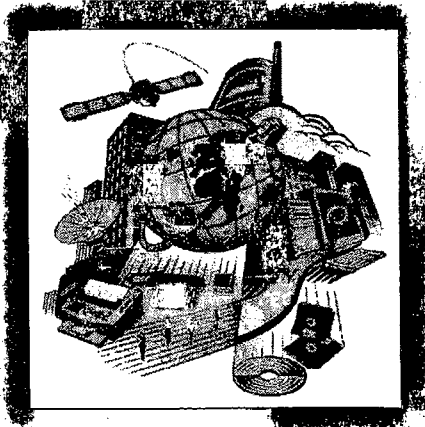
b6
b7C

Technical Challenges
CDC/CCC Distribution

pg-2

CDC Distribution

DCS-3000

DCS-3000

DCS-3000

pg-3

CCC Distribution

DCS-5000/6000

DCS-5000/6000

DCS-5000/6000

pg-4

DCSNet

b2
b7E

pg-5

DCS-3000

b2
b6
b7C
b7E

pg-6
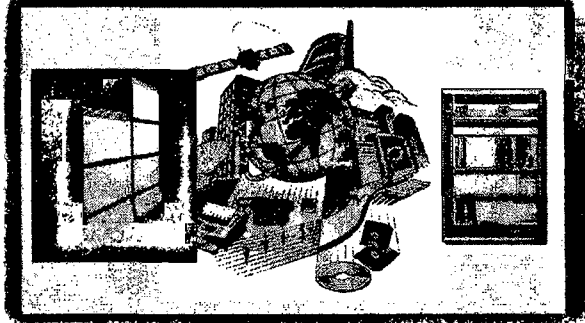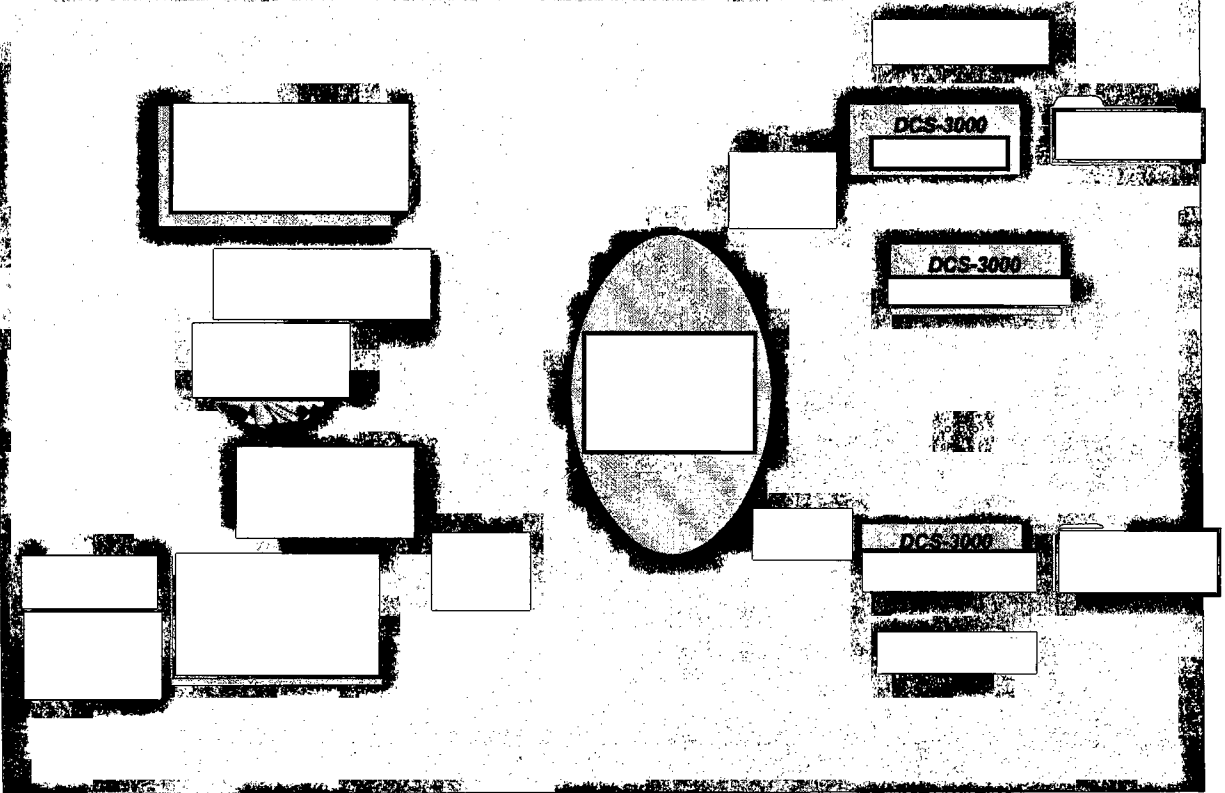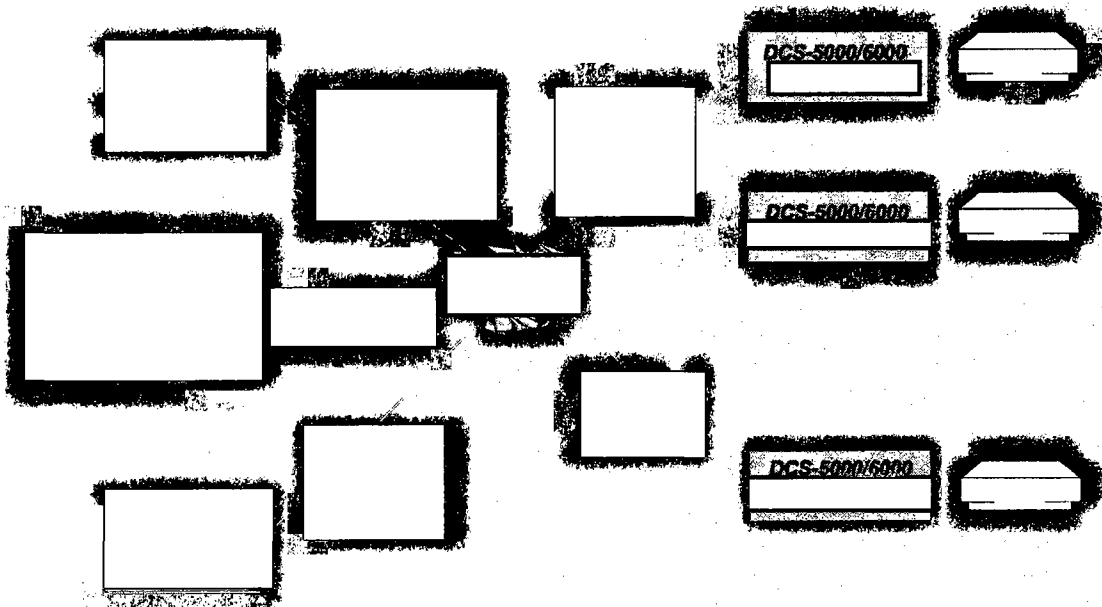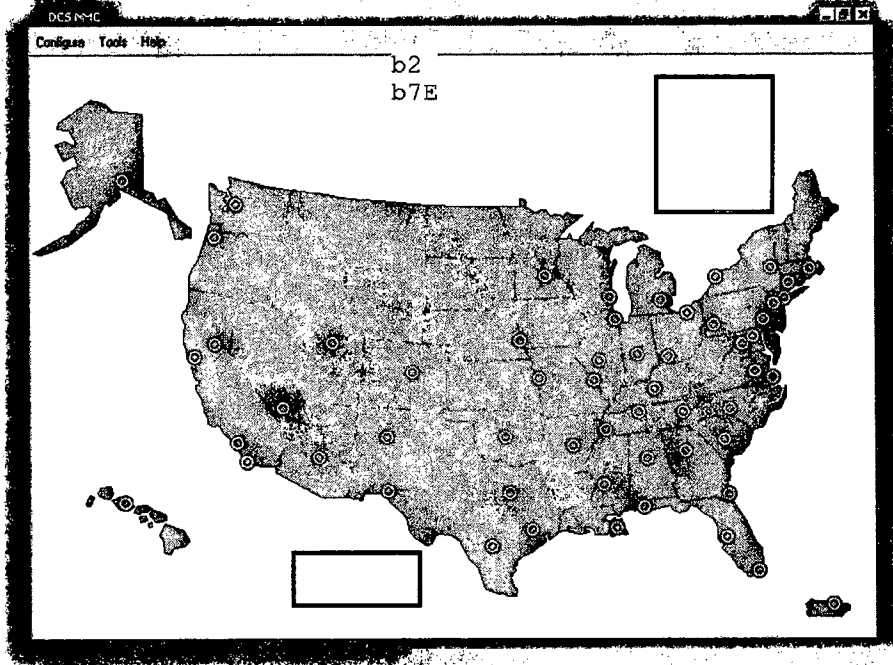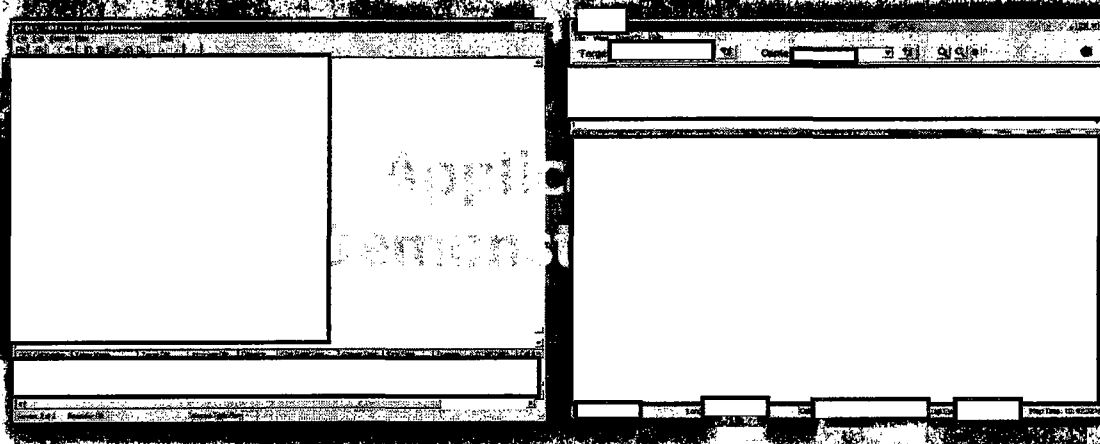
North American Working Group
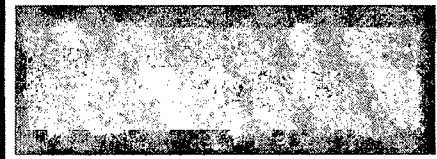
NAWG

Switched-Based ELSUR Update

FBI

Telecommunications Intercept and Collection Technology Unit

NAWG

FBI

DCS-3000

DCS-3000

DCSNe

NAWG

b2
b7E

pg-2

FBI

DCS-3000

NAWG

pg-3
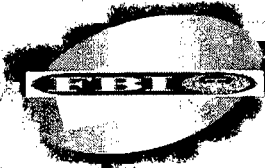
2006 Annual Conference

Telecommunications Intercept and Collection Technology Unit

The State of ELSUR

OPERATIONAL TECHNOLOGY DIVISION - ELECTRONIC SURVEILLANCE

- Many landline carriers now deploying intercept capability

- Initial DCS-3000 solution depended

FBI 🔵
OPERATIONAL TECHNOLOGY DIVISION - ELECTRONIC SURVEILLANCE

b2
b7E

pg-2

DCS-3000 to

applications

FBI
OPERATIONAL TECHNOLOGY DIVISION · ELECTRONIC SURVEILLANCE

pg-3

DCSNet

FBI

OPERATIONAL TECHNOLOGY DIVISION - ELECTRONIC SURVEILLANCE

pg-4
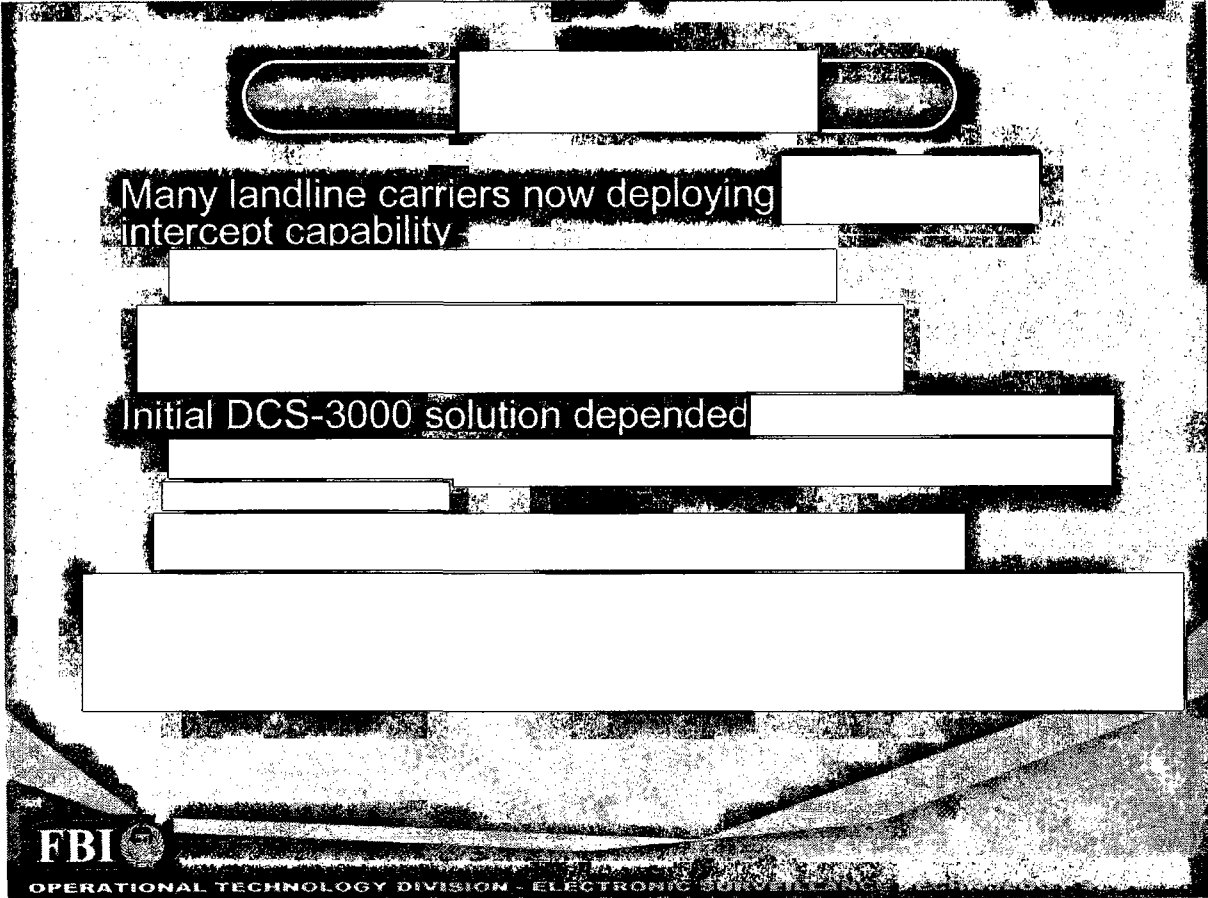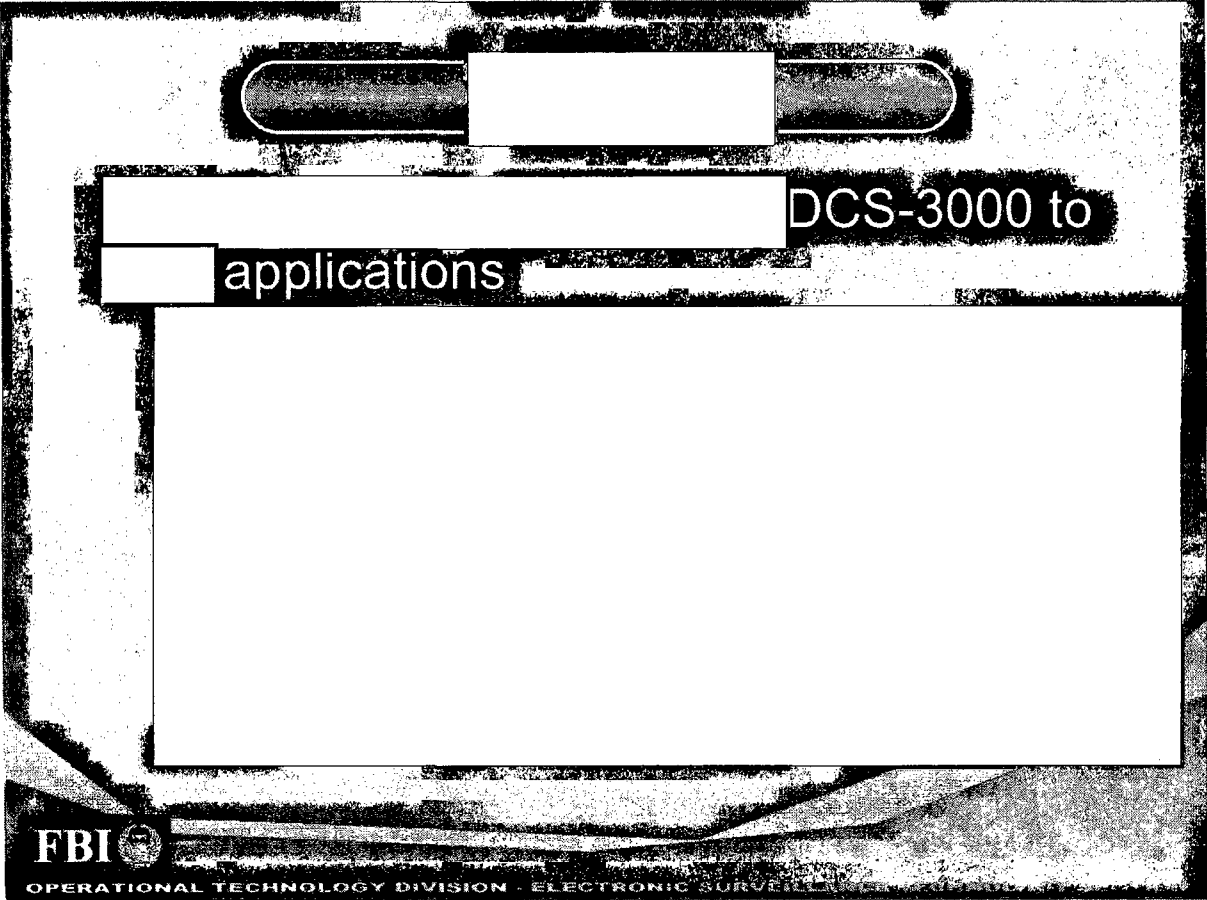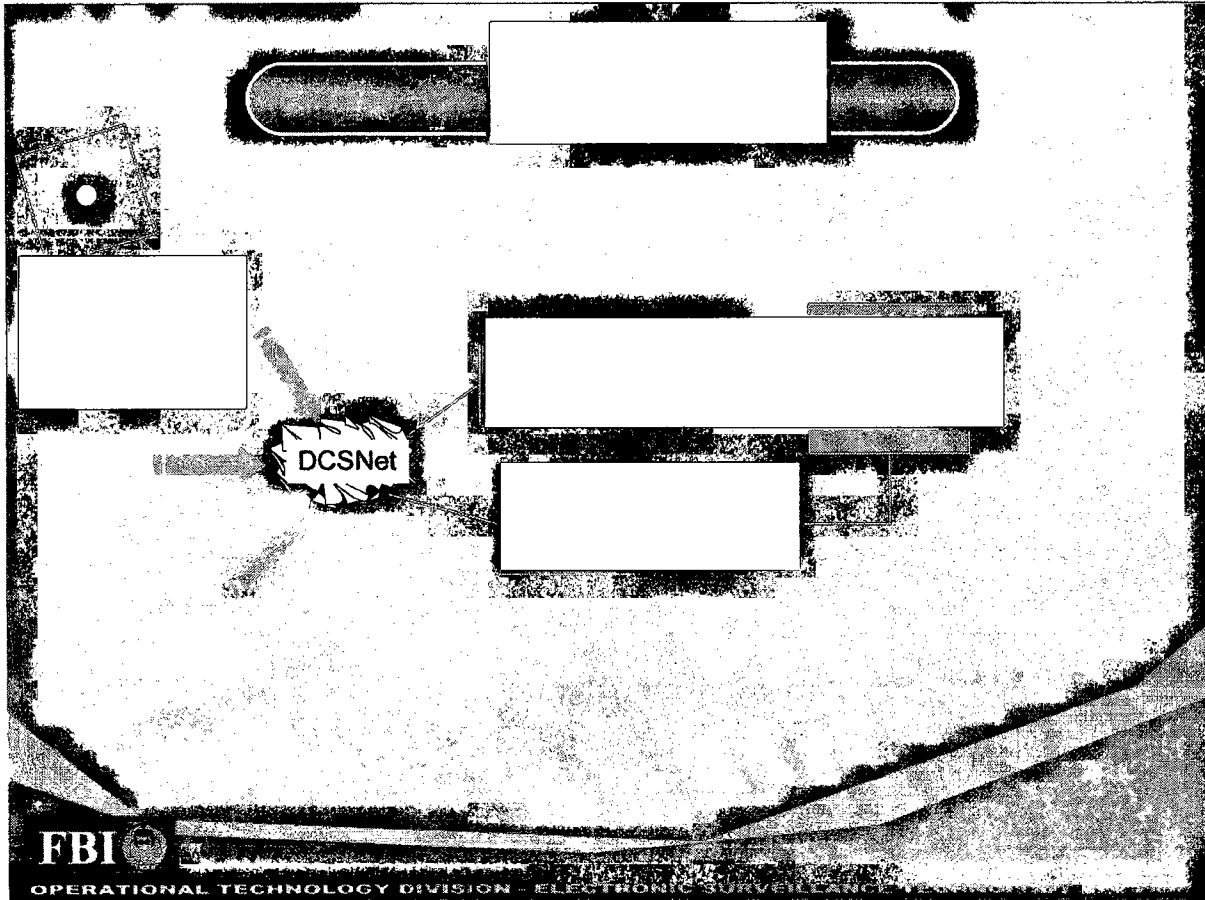
Switch Based Intercepts Course

Basic Troubleshooting

b6
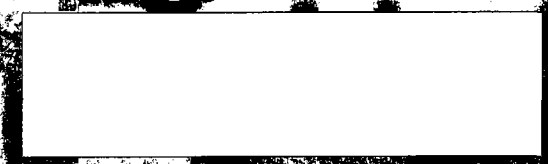b7C

Basic Troubleshooting

Reference Model

Application Layer

Software layer

- DCS-3000 Server and Client

Responsible for decoding, processing, and storage

b2
b7E

pg-2