

TOS-TICTU-DCS-5000-008 Rev. 1.1.00 06/03/02

APPENDIX A to ATTACHMENT 1, Section J

DCS-5000 System Requirements

13 November 2001

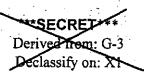
Issued By:

Telecommunications Intercept and Collection Technology Unit (TICTU)

Technical Operations Section (TOS)

Engineering Research Facility (ERF)

b2 b7=



FEDERAL BUREAU OF INVESTIGATION **FOIPA DELETED PAGE INFORMATION SHEET**

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Page 363 ~ Duplicate

Page 364 ~ Duplicate Page 365 ~ Duplicate



	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-04-2009 BY 60322 UC/LF/STP/JCF
From: Sent: Thursday, January 06, 2005 7:09 AM To:	
Subject: RE: Systems for]
UNCLASSIFIED NON-RECORD	
will avoid spending on each o	of the two systems to be built.
	: · ·
Original Message From:	
Sent: Wednesday, December 29, 2004 12:00 PM	
To: Cc:	
Subject: RE: Systems for	
UNCLASSIFIED	
NON-RECORD	
It's may not be a one-to	one cost - Raytheon will want to bill labor for testing,
etc the reused items.	
Original Message	
From:	
Sent: Wednesday, December 29, 2004 10:2	22 AM
. Cc:	
Subject: Systems for	
UNCLASSIFIED	
NON-RECORD	
This would put the cost	for each of these systems at for
the two of them.	
	·
Original Message	
From	
Sent: Wednesday, December 29, 200	04 9:51 AM
To: Cc:	

UNCLASSIFIED NON-RECORD

ir urgent requirements, the req process can be shortened by having it walked thru the ilding and up to Headquarters; this requires a couple of days rather than weeks. should be able to help the req thru the approval process once it gets to HQ.	. b6 b7c
e should also consider buying whatever equipment possible thru credit card until another hicle becomes available.	
Time becomes available.	
From:	
Sent: Wednesday, December 29, 2004 7:58 AM	b6
. To	b7c
Subject: RE: Site Surveys	
Importance: High	•
UNCLASSIFIED	
NON-RECORD	
- We need to discuss this. The current Requisition took several weeks to	•
get thought the <u>approval process</u> , and is now being held until we define our requirements to so he can go before the Board to have the ceiling	
raised for this order.	
If we go with giving all to Raytheon on the existing Requisition our intervals look	b2 b6
like this: to go before board (depends on when they meet)	b7C b7E
at their next meeting) Equipment Order to RaytheonJanuary 14	ي ب
120 days After Raytheon's receipt of order to deliveryMay 13	
First possible date of installationMay 16, 2005	
If we go back to the requisition process to have the broken into a Raytheon pot and a GSA Schedule pot, we are looking at the following:	
Requisition process6-8 weeks (Start December 30, 2004) February 24	2
to go before board (depends on when they meet) March 4 (a guess at their next meeting)	
Equipment Order to Raytheon	
First possible date of installation	b2
I'm not recommending giving all o Raytheon, but if your desire to have these	b6 b7С
systems installed by May at the latest, I don't see any other way to do it unless there is some expedited requisition and manufacturing process of which I'm not aware.	b7E
	:
	,
Outside the	Scope

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From:			7			•		
Sent: F	riday, January 14,	2005 10:30 AM	- 3					•
To:								
Cc:				1				
Subject:				· .	• •	•		1.
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lease have	prepare a tasi	k order to ship one (1)					to TA	with a
, , <u>, , , , , , , , , , , , , , , , , </u>		land[·	_1º '^[

Contracting Officer's Technical Representative

b6 b7c

Memo

	ACTION REQUIRED	COMMENTS			
S5D0215	□ Issue Purchase Order	Items Identified below	,		
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Line Item	DESCRIPTION	Unit Price	Qty	Total .	_
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003					
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. ·		,	TOTAL	\$.	
	-				

	DATE 05-06-2009 BY 60322 UC/LP/STP/JCF	
From:		
Sent:	Wednesday, February 09, 2005 2:53 PM	b6 b70
To:		
Cc:		
Subject:	New Requisition Breakdown	
•		,
SENSITIVE NON-RECO	E BUT UNCLASSIFIED ORD	
Attached is	the Feb 09 version of the Requisition Breakdown. This includes the Raytheon Req that would now be	
	(if possible) for equipment	
purchased of	off GSA schedules.	b2
		, b7I
And, the SE	ERVICES requirements for the remainder of this FY. The total for this includes estimate for	
	- plus	
	Original Message	. ^
Fron	ntt: Tuesday, February 08, 2005 10:47 AM	٠.
To		
Subj	ject: RE: Feb 08, 2005 Red Wolf Schedule	b6 b70
CEN	CITIVE DITT LINCL ACCIEED	,
NON	SITIVE BUT UNCLASSIFIED I-RECORD	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	$oldsymbol{oldsymbol{eta}}$	,
Rea	Breakdonw E000689 is still the same. Do you have the changes discussed yesterday?	•
Is R1	TN awrae of the new schedule plans?	•
•		,
•	From	•
	Sent: Tuesday, February 08, 2005 9:34 AM	
	To:	· b6 Ъ70
•	Cc	
•		•
	Subject: Feb 08, 2005 Red Wolf Schedule	
	SENSITIVE BUT UNCLASSIFIED NON-RECORD	
•		
	Attached is the latest Red Wolf Installation and Planning schedule. Please provide any comments or concerns.	
·	please distribute as necessary.	· b6

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b2 b6 b7C b7E

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#### SENSITIVE BUT UNCLASSIFIED

#### SENSITIVE BUT UNCLASSIFIED

#### SENSITIVE BUT UNCLASSIFIED

Message

#### NEW REQUISITION E000xxx BREAKDOWN FEB. 09, 2005

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	Required SERVICES \$				<b>├</b>	
	REGULAR SERVICES &				<b>├</b> ──	
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ITEM	* NEW REQUISITION	QTY	UNIT COST	COST	BREAKDOWN FOR RAYTHEON PURCHASE ORDER	in the state of
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DECLASSIFIED BY 60322 UC/LP/STP/JCF

		ON O	3-11-2009			
From: Sent: Thursday, Februar To: Cc: Subject: FW	ry 10, 2005 2:28 PM Secret)					b2 b6 b7 b7
SECRET RECORD			٠			-
In response to	please have by February 23, 2005:	write a GOE deli	ivery order for	the following	to be delivered	to
3 each 3 each 3 each 1 each			]	.· .		b2 b6 b7c b7e
I called and told before being shipped off to	him the workstations n	eeded to go to heepect the equip	is office first to ment around	be setup on 2/23/05.	his system	
			•			
Original Message	· ·	• •	· : · ·	-		
Sent: Thursday. February 10. To: Cc:	2005 1:18 PM					b2 b6 b7A b7C
<u> </u>	DERE					.b7E
RECORD						
	· · · · · · · · · · · · · · · · · · ·	, , <u>, , , , , , , , , , , , , , , , , </u>				•
I forwarded	since I can't f	ind you or ho	w to forward	to you \	/ery smooth	
				v		b2 b6 b70
workstations etc.	es that they can su	pport it - go a	head and o	rder the ned	essary	b7E
Thanx						
Original Message			•		. :	•
From Sent: Thursday, Februa	ary 10, 2005 11:19 AM	-		•		. ბ6 . ბ70
•						IJ/C

Sub	ject: RE	Secret							
<del>- SEC</del>			•		•				
REC	ORD		. •			•	٠		
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Eve	rythi <u>na will b</u> e ca	lected and a	rchived in					he pur	pose of
lettin	ig thebase	agents acces	s the Red	Wolf in		hrough the	workstati	ons.	
Thar	nks,	•				•	•		
	•							•	
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DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign Counterintelligence Investigations DECLASSIFY ON: 20300210
SECRET

From: Sent: Friday, February 18, 2005 3:58 PM  To: Cc: Subject  SENSITIVE BUT UNCLASSIFIED NON-RECORD  SENSITIVE BUT UNCLASSIFIED NON-RECORD  - I just qot off the phone with and he agrees  and would not create any down-time for the system to install.		ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED	
Sent: Friday, February 18, 2005 3:58 PM  To: Cc: Subject  SENSITIVE BUT UNCLASSIFIED NON-RECORD  SENSITIVE BUT UNCLASSIFIED NON-RECORD  I just qot off the phone with and he agrees  and would not create any down-time for the system to install.  Please have write an order with delivery to on or before March 31, 2005. This is in response to		DATE 05-11-2009 BY 60322 UC/LP/STP/JCF	•
To: Cc: Subject  SENSITIVE BUT UNCLASSIFIED NON-RECORD  SENSITIVE BUT UNCLASSIFIED NON-RECORD  I just qot off the phone with and he agrees  and would not create any down-time for the system to install.  Please have write an orde with delivery to on or before March 31, 2005. This is in response to	From:		.b2
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SENSITIVE BUT UNCLASSIFIED NON-RECORD  SENSITIVE BUT UNCLASSIFIED NON-RECORD  - I just qot off the phone with and he agrees  and would not create any down-time for the system to install.  Please have write an orde with delivery to on or before March 31, 2005. This is in response to Original Message	То:		ь7 ь7
SENSITIVE BUT UNCLASSIFIED NON-RECORD  SENSITIVE BUT UNCLASSIFIED NON-RECORD  I just qot off the phone with and he agrees  and would not create any down-time for the system to install.  Please have write an order with delivery to pn or before March 31, 2005. This is in response to Original Message	Cc:		
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12/7/2006

	HEREIN IS UNCLASSIFIED
	DATE 05-11-2009 BY 60322 UC/LP/STP/JO
rom:	
ent: Tuesday, March 15, 2005 12:36 PM	
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	(OTD) (CON)	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-14-2009 BY 60322 UC/LP/STP/JCF	
From:	(ITD) (FBI)		
Sent:	Friday, April 15, 2005 7:31 AM		b6
To:	(ITD) (FBI)	(ITD) (CON),	b7C
Cc:	(ITD) (FBI)		
Subjec	et: RE: C&A Status 14 April 2005		
SENSITI RECORI	VE BUT UNCLASSIFIED		b2
What is t	he test plan?		
			b2
We'll nee	d to	Can you get to this today?	b6 b70
			b7E
thnx,			
	Outstand Massacra		
	om: (ITD) (CON)		
	ent: Thursday, April 14, 2005 9:13 AM	(DTD) (EBI)	Ъ6
To Co		(ITD) (FBI)	ъ7c
St	Ibject: C&A Status 14 April 2005		
	ENSITIVE BUT UNCLASSIFIED ECORD		b2
G	entlemen:		
Th	ne C&A process for the Red Wolf system is progressing		
	This will be the ne	xt step for	
, <u>L</u>	ne (which would also be followed by a round of testing.		b2
,,,,,,	The state of the s		b7E
<del> </del> -		L'd like to do this today.  has not yet had the	
Ţ		will be installed today . I was notified	
	at we need	Iwell into the future.	
	and can be accomplished at a later time.		

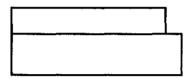
I will need some assistance in testing the REDWOLF system before we go to the next phase of "cures". I am available to assist in this testing whenever is convenient to your schedules.

Just to explain a bit further, I am installing these cures incrementally so as to allow us to determine if we have inflicted any unforeseen problems into the system as we progress. This would allow us to backstep

and eliminate any incompatible patches from our baseline. However, testing of the system after these incremental "cures" is of utmost importance.

Implementing a large number of fixes all at once could cause a great deal of downtime if it were not discovered early-on. This of course would make it very difficult to identify which "cure" caused the resulting problem (were one to occur).

Feel free to send me your comments, suggestions, and/or concerns.



b2 b6 b7С

**SENSITIVE BUT UNCLASSIFIED** 

	(ОТІ	D) (CON)	HEREIN IS UNCLASSIFIED DATE 05-14-2009 BY 603	ı	
From: Sent: To: Cc: Subject: Importance	Thursday, April 07, 200  (CON); System Information	(ITD) (CON) 05 8:11 AM (ITD) (FBI); (ITD) (FBI); (ITD) (FBI)	(ITD) (CON) ITD) (FBI)	(ITD)	Ъ6 Ъ7С
SENSITIVE B NON-RECOR	UT UNCLASSIFIED D				
If so	ng to replace the , please forward this info of effort estimate for the	rmation to the ERF so server installations	Recover may provide the quantity inform	d Wolf systems. mation to Raytheon	
			`	·	b2 b7E
If at all possib	le, we would like to get the	his information for the	system by tomorrow (4/	8/05). ·	٠
			•		b2 b6 b7C

	(OTD) (CON)	HEREIN IS UNCLASSIFIED DATE 05-14-2009 BY 60322 UC/LP/STP/JCF	
From: Tues To: Cc: Subject: RE	(OTD) (CON) sday, May 03, 2005 2:41 PM (OTD) (CON) (OTD) (CON)		ъ6 ъ7с
RECORD	your concerns one at a time	•	b2
			b2 b6
			b7c b7E
If you see	e any other mistakes give me a shout!		b2 b7E
From:	oal Message (OTD) (CON) esdav. Mav 03. 2005 10:11 AM (OTD) (CON) (OTD) (CON)	• •	ъ6 ъ7с

SENSITIVE BUT UNCLASSIFIED RECORD	.b2
I looked at the diagrams and have the following comments. I need to qualify my comments is not a area that I'm very familiar with, so what's obvious to you may not be to me.	nents in that
	b2 b6 b7 b7
Let me know if you want to discuss	
Original Message  From OTD) (CON)  Sent: Monday, May 02, 2005 12;01 PM  To: (OTD) (FBI) (OTD) (FBI);  (FB) (OTD) (CON)  Subject: SENSITIVE BUT HNCLASSIFIED RECORD  Gentlemen,	b6 b7c <b>(OTD)</b> b2
	ъ2 ъ71
Respectfully	

	(OTD) (CON)	
From:	OTD) (CON)	
Sent:	Tuesday, May 03, 2005 3:28 PM	
To:	(FBI) (OTD) (FBI), OTD)	b6 b7C
Cc:.	(OTD) (CON)	
Subject		
SENSITIV RECORD	E BUT UNCLASSIFIED	b2
Gentleme	n,	
ı would	I have a copy on my desk if anyone would like to look it over. Network in discussed starting on page 57 and continues to page 82.	_
		b2 b7
particul	, and we can ask them to add this to our "vulnerability list". In ar those services followed by double asterisks require particular attention leve these are currrently turned on and in use.	•
		Ъ2
		.b2
		•
******	This will be a	
great st		
Thank yo	u for your assistance,	
		b2
		<b>b</b> 6
		b7C

	! concur with	
(S)	From: (OTD) (CON)  Sent: Thursday, May 12, 2005 7:08 AM  To: (OTD) (FBI); (OTD) (CON)  Cc: (OTD) (FBI)  Subject: RE: Support/Status	b6 b7c b1
	NON-RECORD  I suggest they process the requisition to Raytheon and we take care of the Task	
	Order. Otherwise, we have to front the money and hope to be able to spend their money.	
	From (OTD) (FBI) Sent: Wednesday, May 11, 2005 4:49 PM	Ъ6 Ъ7С
(S)	To: OTD) (CON)  Cc: FL (OTD) (FBI); (OTD) (CON)  Subject: FW: Support/Status	bl
	- <u>UNGLASSIFIED</u> - NON-RECORD	
	How can we make this happen? Please let us know what we need to do in order to get this request accomplished.	
(S)	thnx,Original Message  From:  Sent: Wednesday, May 11, 2005 4:06 PM  To  (OTD) (FBI);	ъ6 ъ7с ъ1
,-,	NON-RECORD Hi	
	We have been given the go-ahead for the enhancements as described below for our 3 systems. Our money for this purchase/contract modification is as follows:	b2 b6 b7C
	SECRET from .	

#### FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

#### Serial Description ~ COVER SHEET

```
Total Deleted Page(s) ~ 53
Page 3 ~ Duplicate See email chain beginning FDPS Page 62 this section
Page 4 ~ Duplicate
Page 5 ~ Duplicate
Page 6 ~ Duplicate
Page 7 ~ Duplicate
Page 8 ~ Duplicate
Page 9 ~ Duplicate
Page 39 ~ b2, b4, b6, b7C, b7E
Page 40 ~ b2, b4, b7E
Page 41 ~ b2, b4, b7E
Page 42 ~ b2, b4, b6, b7C, b7E
Page 43 ~ b2, b4, b6, b7C, b7E
Page 44 ~ b2, b4, b6, b7C, b7E
Page 45 ~ b2, b4, b6, b7C, b7E
Page 46 ~ b2, b4, b6, b7C, b7E
Page 47 ~ b2, b4, b6, b7C, b7E
Page 48 ~ b2, b4, b6, b7C, b7E
Page 49 ~ b2, b4, b6, b7C, b7E
Page 50 ~ b2, b4, b6, b7C, b7E
Page 51 ~ b2, b4, b6, b7C, b7E
Page 52 ~ b2, b4, b6, b7C, b7E
Page 53 ~ b2, b4, b6, b7C, b7E
Page 54 ~ b2, b4, b6, b7C, b7E
Page 55 ~ b2, b4, b6, b7C, b7E
Page 56 ~ b2, b4, b6, b7C, b7E
Page 57 ~ b2, b4, b6, b7C, b7E
Page 58 ~ b2, b4, b6, b7C, b7E
Page 59 ~ b2, b4, b6, b7C, b7E
Page 60 ~ b2, b4, b6, b7C, b7E
Page 61 ~ b2, b4, b6, b7C, b7E
Page 62 ~ Duplicate See email chain beginning FDPS Page 84 this section
Page 63 ~ Duplicate
Page 64 ~ Duplicate
Page 65 ~ Duplicate
Page 66 ~ Duplicate
Page 67 ~ Duplicate
Page 68 ~ Duplicate
Page 234 ~ Duplicate #1062404-001 Division Documents Section 6
Page 271 ~ b2, b4, b6, b7C, b7E
Page 272 ~ b2, b4, b6, b7C, b7E
Page 273 ~ b2, b4, b7E
Page 283 ~ b2, b4, b6, b7C, b7E
Page 284 ~ b2, b4, b6, b7C, b7E
```

Page 285 ~ Duplicate See email chain this section FDPS Page 293



Page 296 ~ Duplicate See email chain this section FDPS Page 328

Page 297 ~ Duplicate

Page 325 ~ Duplicate See email chain this section Page 328

Page 326 ~ Duplicate

Page 327 ~ Duplicate

Page 370 ~ Duplicate See this section, FDPS Page 375

Page 371 ~ Duplicate

Page 372 ~ Duplicate

Page 389 ~ Duplicate See email chain FDPS Page 400 this section



	(OTD) (CON)	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-19-2009 BY 60322 UC/LP/STR	?/J <b>CF</b>	
From:	(OTD) (CON)			<del></del> 56
Sent:	Tuesday, June 21, 2005 9 28 AM		.1	57C
To:	(OTD) (FBI)			
Cc:	(OTD) (FBI),	(OTD) (FBI),	OTD)	
-	:: Close RMS 100053 and 100044  E BUT UNCLASSIFIED CORD		,	
				`L O
workstatio	053 that requested 3 desktop Red Wolf workstation footswitches have been completed se these RMS requests	ns and 100044 that requested with a receipt of the requested equipment		b2 b6 b70 b71
Thank you	1			

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-19-2009 BY 60322 UC/LP/STP/JCF

	(OTD) (CON)	
From:	(OTD) (CON)	-
Sent:	Wednesday, June 22, 2005 9 15 AM	b2 b4
То:	(CON), (FBI)	b6
Cc:	(OTD) (FBi) (OTD) (CON)	b70
Subject:	RMS 100567 Components	JD 71
Importanc	e: High	
asking		be
The printer w	ill be shipped from the ERF separately, and you should receive that by early next week	
TICTU Suppo	ort Contractor @ ERF	

**UNCLASSIFIED** 

#### ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-19-2009 BY 60322 UC/LP/STP/JCF

	(OTD) (CON)	
From:	(OTD) (CON)	Ъ4 Ъ6
Sent:	Thursday, June 23, 2005 7 51 AM	ъ7С
To:	(OTD) (FBI) (OTD) (FBI),	
Cc:	(OTD) (CON)	
Subject		
NON-REC		
Attached a Requests	re the Red Wolf also has two	b2
	ere not identified in this submission	b4 b7E
found in th	Is in the June 2005 Correspondence Book, and electronic copies may be e B-506 W Task Order Book, the B-506 W electronic folder on the and in the PONDENCE FILE on the	
<del></del>	]	bб b7c



	(OTD) (CON)	ALL INFORMATION CUNTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE
(S) —	From: (OTD) (CON)  Sent: Thursday, June 23, 2005 10.08 AM  To: (OTD) (FBI)  Subject: RE. Support/Status	DATE: 05-21-2009 CLASSIFIED BY 60322 UC/LP/STP/JCF REASON: 1.4 (c) DECLASSIFY ON: 05-21-2034 b2 b6
	- <u>UNGLASSIFIED</u> NON-RECORD	b7c b7E
	Thus far, it was sent by Div 5 toon 14 Jun. Awaiting received and/or passed to contracts	a reply from office whether it's been
S}	From: (OTD) (FBI)  Sent: Thursday, June 23, 2005 8:01 AM  To: (OTD) (CON)  Subject: FW: Support/Status	
	-UNCLASSIFIED NON-RECORD	
	what did you find out?	•
(S) ~	Original Message From: (OTD) (FBI)  Sent: Monday, June 20, 2005 6:59 PM  To: (OTD) (FBI); (OTD)  Subject: RE Support/Status	(OTD) (CON)
	UNCLASSIFIED NON-RECORD	
		nere is no record of it being received in proved it and where it was sent.
	Thanks	
	From: (OTD) (FBI)  Sent: Friday, June 17, 2005 3:50 PM  To: (OTD) (FBI);  Subject: FW: Support/Status	(OTD) (CON)
(S) -	-UNCLASSIFIED. NON-RECORD	•



Do either of you know what the status is on this Req? This group is anxious to get their equipment .

12/7/2006



	to? I would like to reference it in my EC/Req.	
	(I'll be at ERF this AM for a Close-Out Briefing at 10:30, if that's convenient for you for me to pick-up a copy.)	-
	Regards,	
	Special Projects Technology Unit Operational Technology Division Desk Cell	
(S)	Original Message From: (OTD) (FBI)  Sent: Thursday, May 12, 2005 10:02 AM  To: (OTD) (FBI)  Cc: (OTD) (FBI)  Subject: FW: Support/Status	
	- UNGLASSIFIED NON-RECORD	
	The suggestion below may be the avenue to go .	
	Original Message From: (OTD) (CON) Sent: Thursday, May 12, 2005 8:44 AM To (OTD) (CON); (OTD) (FBI) Cc: OTD) (FBI) Subject: RE Support/Status	
(S)	<u>UNCLASSIFIED</u> NON-RECORD	
	I concur with	
(S)	Original Message From: (OTD) (CON)  Sent: Thursday, May 12, 2005 7:08 AM  To: (OTD) (FBI); (OTD)  (CON)  Cc: OTD) (FBI)  Subject: RE: Support/Status	
	SECRET LINCLASSIFIED NON-RECORD	

the T	ask Order. Otherwise, we have to front the money and hope to be to spend their money	b1 b2 b4 b6 b70 b71
(S) -	NON-RECORD  How can we make this happen? Please let us know what we need	
	to do in order to get this request accomplished.  thnx, -cOriginal Message From:  Sent: Wednesday, May 11, 2005 4:06 PM To  (OTD) (FBI); (OTD) (FBI)  (OTD) (FBI); (OTD) (FBI); (OTD) (FBI); (OTD) (FBI); Subject: RE: Support/Status	
<b>S</b>	We have been given the go-ahead for the enhancements as described below for our 3 systems.  Our money for this purchase/contract modification is as follows:	
250457	from BI 552580 KG from BI 552580 IP  I know this is a bad time for more of this kind of paperwork for you all - what would you like us to do to get to move on this?  Thanx again for all your patience.	



	Regards,  Special Projects Technology Unit Operational Technology Division Desk: Cell:	b1 b2 b4 b6 b7c b7E
(S)	From: (ITD) (FBI)  Sent: Monday, April 04, 2005 3:13 PM  To: (ITD) (FBI)  Cc: (ITD) (FBI)  Subject: FW: Support/Status	
	I received a Technical Engineering Change proposal (hard copy) from EE whereas is prepared to modify one of TICTU's existing technical contracts to support SPTU's research efforts is asking for a total of (48 additional lines per unit x license fee per portable unit x 3 units) Obviously, the question on the table is who is going to 'ante up' the chips for this hand in the venture. When you get the chance, please give me a holler to discuss this. Thanks	•
	Original Message From:    Sent: Friday, March 18, 2005 2:04 PM	
(S) .	- UNCLASSIFIED- NON-RECORD	
SEXRET	Increasing the  If it is going to be that much of a problem, the other two systems could be   It was under our impression from discussions with the engineers that	]



	They thought it b1
	would be just a simple h2
	our lab use. Again, we stress lab use. All three by
	systems will be in different lab development areas with b6
	different engineers trying to the b7c
	Redwolf system. The would be the most b7E
	cost effective and simple solution
	the Redwolf. CALEA protocol seems to be
	left at the interpretation of the C.O. manufacturers and
	Redwolf developers and does not support (in our
	interpretation) dynamic allocation. Another ERF Engineer.
•	s looking at the
	Redwolf and
	provide a solution for
	engineers
	informed us the best solution for dynamic
	allocation methods.
	and data in manifold of
	the state of the s
·	This request for the four items is to allow us to begin to
	evaluateFrom this, we can
	determine what support and return our
	recommendations for better support We
	have to get the systems first to be able to preform this
	evaluation. These four items, in our view based upon our
•	exposure during training, would provide a
	exposureduring training, would provide a
	quick way to get started on evaluation for future use. We
	already have other changes that we would like to have
	designed into the Redwolf but knew it would require major
	engineering changes/development These
	items would be <u>discussed at a later time with</u> and
	other engineers
	We do agree that there may and will be problems with
	but we will find them through our
	testing Again it was our understanding that
•	
	Engineers
•	at
1	•
	is not left out Right now, we need to see
	what so that we can come to the table
	with engineering changes. During this same time,
	can define the requirements of her systems But
	this would be major engineering design changes/effort on
	part.
	SSAwill be contacting for
	further management discussions The above statements
	are in concurrence with all
(\$)	•
1-1	Thanks
	· ·
· ·	
	ITD - Electronic Surveillance Technology Section
•	Special Projects Technology Unit (SPTU)
	Work #:
•	
~	Pager #
\ /	Original Message
6500€T	
OLKINE I	From: (ITD) (FBI)
/ \	

	/
742	<b>X</b> ET
	,

,	Sent: Friday, March 18, 2005 12:14 PM   b1   b2   b2   b4   b6   b7C   b7E   b7E
(S)	<u>UNCLASSIFIED</u> NON-RECORD
	All,
·	I don't intend to make any further preparations until management has a discussion and determine what our involvement is, if any. Also, how does responsibilities fit into this project, if any? Are her development/testing efforts combined with your efforts? This too needs to be addressed by management.
	With that aside. is working the initial four requests
	You may have to assume some RISK in order to proceed with your testing. In order to help expedite things, can we perform the four requests on one.  This
(S)	may determine if the system can perform reliably enough to upgrade the others and proceed with more robust testing. This will be the first of many benchmark tests. Let me know your thoughts.
	Status
	* TIU SW upgrade has been performed on each  * MOAS SW upgrade has been performed on each
	TBD
	TBD.
	-UNGLASSIFIED

SECRET

	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED	b2
(OTD) (CON)	DATE 05-19-2009 BY 60322 UC/LP/STP/JCF	b4 b6 b7C
From: (OTD) (CON	n.	<b>-</b> b7E
Sent: <u>Tuesday, July 05, 2005 9:06</u> AM  To: (OTD) (CON		]
(FBI) (OTD) (FBI)	(OTD) (FBI)	
Subject: (OTD) (FBI) RE: Questions on RMS 099805	OTD) (CON)	
SENSITIVE BUT UNCLASSIFIED NON-RECORD		
Please provide responses to the questions below. Thank you.		
TICTU Support Contractor @ ERF	,	
	•	
From (OTD) (CON)  Sent: Tuesday, June 21, 2005 8:42 AM  To: (CON);  Cc: (OTD) (FBI); (OTD) (FBI)  (OTD) (CON)  Subject: Questions on RMS 099805	(FBI) ); (OTD) (FBI);	]
SENSITIVE BUT UNCLASSIFIED NON-RECORD		
I am working your RMS # 099805 for the DCS5000 Program Off to properly respond to the Program Office regarding your reques	ice, and need some additional information st. Questions include:	
o Is it possible to have another office use their to pre	epare the CDs you need?	
o What is the volume of	Red Wolf?	
o What would be the impact if this request for awere	e NOT satisfied?	
Thank you		
TICTU Support Contractor @ ERF	•	

(OTD) (CON)	
From:	
UNCLASSIFIED NON-RECORD	
Please provide a response to these questions Thank you	
TICTU Support Contractor @ ERF	b2 b4 b6 b7C b7E
Original Message From:  (OTD) (CON)  Sent: Tuesday, June 21, 2005 9:06 AM  To:  (FBI)  Ccl (OTD) (FBI);  (OTD) (CON)  Subject: RMS 099670 request	
UNCLASSIFIED NON-RECORD	
I am working your RMS # 099670 for the DCS5000 Program Office, and need some additional information to properly respond to the Program Office regarding your request. Questions include.	1
o My records indicate that you still have two (2) units assigned to your office. Is this correct?	
o Is it possible to use one of your existing units to prepare the CDs you need?	•
o What is the volume ofRed Wolf?	
o What would be the impact if this request for a were NOT satisfied?	
Thank you	
TICTU Support Contractor @ ERF	

		ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED	b2
(OTI	)) (CON)	DATE 05-19-2009 BY 60322 UC	/LP/STP/JCF b4
To: ,	(OTD) (CON)  July 05, 2005 9 31 AM  (FBI)  (CON).  (BI);  Stions on RMS 099805	(OTD) (FBI);	b7c b7E
SENSITIVE BUT UNCLASSIFIED NON-RECORD		•	,
Thank you. We will close the RMS			•
	TD) (CON) ON)		
SENSITIVE BUT UNCLASSIFIE	<u>D</u>		
We can do without it We've only	had one request for copies and	we managed	
From: Sent: Tuesday, July 05, 2009 To: Cc: (OTD) (CON) Subject: RE: Questions on F	(OTD) (CON); (OTD) (FBI); (OTD) (I	(CON); BI); (OTD)	(FBI)
SENSITIVE BUT UNCLASS NON-RECORD	IFIED		
Please provide responses to	the questions below Thank yo	u. ,	
TICTU Support Contractor @			
From	(OTD) (CON)	•	

To (CON); (FBI) (OTD) (FBI); (OTD) (FBI); (OTD) (FBI);	o2 o4 o6 o7
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
I am working your RMS # 099805 for the DCS5000 Program Office, and need some additional information to properly respond to the Program Office regarding your request. Questions include:	
o Is it possible to have another office use their to prepare the CDs you need?	
o What is the volume of Red Wolf?	
o What would be the impact if this request for awere NOT satisfied?	
Thank you	
TICTU Support Contractor @ ERF	

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

## ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 05-21-2009 BY 60322 UC/LP/STP/JCF (OTD) (CON) From: (OTD) (CON) Senta Tuesday, July 05, 2005 10:11 AM To: ÌFB∣) Cc: (OTD) (FBI) OTD) (CON) b2 Subject: RE RMS 099670 b4 b6 b7C **UNCLASSIFIED** b7E NON-RECORD this information had not been sent to me earlier. These answers should make it easier for the Program Office to make a decision on providing an additional TICTU Support Contractor @ ERF ----Original Message---From: (FBI) 2005 9:45 AM Sent: Tuesday, July 05, (OTD) (CON) Tot **Subject: RE: RMS 099670** request **UNCLASSIFIED** NON-RECORD I apologize for not responding to your previous email. I thought that info had been forwarded to you. Anyway, below are the answers gave me in response to your questions. Thanks ----Original Message-----(OTD) (CON) From Sent: Tuesday, July 05, 2005 9:18 AM To (OTD) (CON) (FBI) (OTD) (FBI); Cc: (OTD) (FBI) (OTD) (FBI); (OTD) (CON) Subject: RE: RMS 099670 request

UNCLASSIFIED NON-RECORD

Please provide a response to these questions Thank you

CTU Support Contractor @ ERF	d d d
Original Message From:	Ъ (FBI);
UNCLASSIFIED NON-RECORD	
I am working your RMS # 099670 for the DCS5000 Program Office, and need some additional infe to properly respond to the Program Office regarding your request. Questions include:	
o My records indicate that you still have units assigned to your office. Is this control of the second of the seco	correcty
o is it possible to use one of your existing units to prepare the CDs you need?  Yes. We made the request because of the potential to have more than normal for this is critical as well. We will not have the luxury of time to get	The timing
o What is the volume ofRed Wolf?	
o What would be the impact if this request for a were NOT satisfied?	eourte.
This cannot be answered accurately until the requests to convert more media comes in from the Thank you	couns.
TICTU Support Contractor @ ERF	

**UNCLASSIFIED** 

	(OTD) (CON)			
From: Sent:	(OT Thursday, July 07, 20	D) (FBI) 005 12:23 PM	(OTD) (FBI):	
То:	(OTD) (FBI);	(OTD) (FBI) (OTD) (C		(OTD)
Subject:	(CON) FW			b2 b6
SECRET RECORD 203e	•		•	b7с b7Е
FYI,				
	(CD) (FBI)	CON); (FBI); (OTD) (FBI);	FBI) (FBI); (CD) (FBI)	
SECRET RECORD 203e				٠
through a couple of hour previously? Why didn't Is this? Is this how we are	claimed that their RED V s of research, showed the S-2 (the RED WOLF exp doing business?	at RED WOLF	Did anyone Does the RED WOLF unit	know this
	(FBI)	(CD) (FBI)	(FBI);	
(FBI) Subject: RE:				
RECORD 203e		,		
	out to you today Attach	drop off at last weeks mee	thing to me about a energy bar suggestion for R eting (and then attempt to jus	I was ED WOLF and the t leave)

SA CI-4			b2 b6 b7C
From: (CON)  Sent: Thursday, July 07, 2005 9:51 AM  To: FBI)  Cc (CD) (FBI);  (FBI);  Subject:	(CD) (FBI);	(FBI);	b7E
SECRET RECORD 203e			,
Thank you			· · · · · ·
Contract Technical Consultant Squad CI-17 (Offsite) (Office or STU III) (Fax)			·
DERIVED FROM: 6-3 FBI Classification Guide DECLASSIFICATION EXEMPTION 1	G-3, dated 1/97, Foreign	CounterIntelligence	Investigations

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

	(OTD) (CON)	DATE 05-21-2009 BY 60322 UC/LP/STP/JCF
From:	(OTD) (CON)	ъ2
Sent:	Wednesday, July 20, 2005 7 14 PM	b4
To:	(OTD) ( <b>FB</b> I)	b6 b7
Cc:	(OTD) (CON)	
Subjec	t: REDWOLF LAB Diagram	

## UNCLASSIFIED NON-RECORD

Here is the updated diagram of the Lab.

Unix Engineer
TICTU Support Contractor @ ERF

**UNCLASSIFIED** 

(OTD) (CON)	
From: (OTD) (CON)	b2 b6
Sent:         Thursday, July 28, 2005 12:01 PM           To:         (OTD) (CON)         (OTD) (CON)	b7c b7E
(OTD) (CON) (OTD) (FBI); (OTD)	
Cc: (OTD) (CON)  Subject: RE. HQ Workstation Request RMS 100533	
UNCLASSIFIED NON-RECORD	
UNCLASSIFIED NON-RECORD	
Hold the shipping - I need to send these to at HEADQUARTERS - NOT with the same "ATTN RMS 100533" on the shipment and let me have a copy of the shipper.	l <b>.</b>
Original Message	
From: (OTD) (CON) Sent: Thursday, July 28, 2005 11:34 AM	_
To: (OTD) (CON); (OTD) (CON) (OTD) (FBI); (OTD) (FBI) Cc: (OTD) (CON)	
Subject: FW: HQ Workstation Request RMS 100533	٠
UNCLASSIFIED NON-RECORD	
Please send ten (10) of flat panel monitors to ITS at RMS 100533" on the shipment and let me have a copy of the shipper	
Thanks	
Original Message	
From (OTD) (CON) Sent: Thursday, July 28, 2005 11:30 AM	b2
To: (CON); (OTD) (FBI) (ITD) (CON); (ITD) (CON);	b6 b70
(OTD)(CON); (OTD) (FBI); (OTD) (CON); (OI) (FBI); (OI)	b7E
(FBI); (OTD) (CON) Subject: RE: HQ Workstation Request RMS 100533	
UNCLASSIFIED NON-RECORD	٠
We will have the order today and will ask for delivery early next week.	

The flat panel monitors will be shipped this week from the	ERF.	
For the workstations that need to be will receive next week and	reuse the cartons from the one's you then send the workstations to:	b2 b4 b6
		b7C b7E
If you have any other questions, please call me at		
TICTU Support Contractor @ ERF		
Original Message  From:	(OTD) (FBI); (OTD) (OTD) (OTD) (OTD) (CON); (OTD) (CON); (OTD) (FBI)	
UNCLASSIFIED NON-RECORD		
Helfo I think that you pulled the short description, the tick 100533 The LSTC requests additional Red Wolf (RW) work Justification	kstations for new personnel.	7
The LSTC is rapidly increasing the number of linguinformed me that six new hirers are expecte workstations are needed to furnish new work areas additional Unit Chiefs assigned to the LSTC that we a total of 10 additional workstations to meet new process.	d in the next 30 days, and that addition RW in addition to the new linguists, there are two ill require RW stations as well. This office request	_] t
	s Services was responsible for providing the and we could get by with the traditiona we for the start dates of the people (most have	
f just went into the ticket and changed what data I	could Thanks for your assistance	
Always Forward,  ELSUR Technology Management Unit (ETMU)		
Electronic Surveillance Technology Section (E Operational Technology Division (OTD)	STS)	

(Pager) (Cell) (Fax)	
From:	(ОТД)
UNCLASSIFIED NON-RECORD  I believe you may want to reassign this RMS to us.	b2 b6 b7C
RMS 100533 The LSTC requests additional Red Wolf (RW) workstations for new personnel. Justifaction:The LSTC is rapidly increasing the nu	b7E
Subject RMS has not yet been processed because it is incorrectly a ETMU. It should be assigned as follows:	issigned to
CATEGORY=  TYPE = Central Monitoring Plant  ITEM = Red Wolf	. m a m 14
Additionally - How many workstations do they need? How many new linguists? S Do they have workstations? Monitors? Do they need footsw UPS?	
Once has provided the requested info - go ahead and them accordingly.	order
Thanx all	
From: (OTD)(CON)  Sent: Tuesday, July 26, 2005 10:24 AM  To: (OTD) (FBI)  Subject: HQ Workstation Request RMS 100533	,

	just called me for an update on this ticket  I can't reassign to you - could you take a look at it please?  Network Systems Analyst ELSUR Technology Management Unit (ETMU) Electronic Surveillance Technology Section (ESTS) Operational Technology Division (OTD)  (Desk) (Cell) (Fax)		b2 b6 b7C
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	(OTD) (CON)			<del></del>
From: Sent: To: Cc: Subject:	Friday July 29, 2005 3 FW. Accountability of F	(OTD) (CON) 19 PM (OTD) (FBI), (OTD) (CON) RW Workstations (RMS 16	(OTD) (FBI)	b2 b6 b7C b7E
prder.pdf (102 KB) NON-RECORD	CLASSIFIED	·		
FYIOriginal Message From: Sent: Friday, July 29 To: Cc: Subject: RE: Account	(CON)	(OI) (FBI); RMS 100533)	(OI) (FBI)	
UNCLASSIFIED NON-RECORD				
truck that (HQs LSTC property	new Red Wolf stations, and the prought the workstations), belo book manager was also notifi pain for your assistance	ow arel for	these devices that left the blo	dg achines the I
		•		
ELSUR Technology	Management Unit (ETMU)			,
' Electronic Surveillan	ce Technology Section (ESTS	· · · · · · · · · · · · · · · · · · ·	•	
Operational Technol	ogy Division (OTD)			
(Page	r)			
(Cell)				·
(Fax)				
Original Mes	sage	•		

From: COTD) (CON)  Sent: Friday, July 29, 2005 2:45 PM  To: (OI) (FBI); (CON)  Cc: (OTD) (CON); (OTD) (FBI)  Subject: Accountability of RW Workstations (RMS 100533)	b2 b4 b6 b70 b71
UNCLASSIFIED NON-RECORD	
The workstations that are should be transferred in the property system to TICTU account) Please ensure receives a copy of the shipping document when you ship the	
TICTU Support Contractor @ ERF	
Original Message From:	<u></u>
UNCLASSIFIED NON-RECORD	
We will have the order today and will ask for delivery early next week.	
The flat panel monitors will be shipped this week from the ERF.  For the workstations that need to be receive next week and the workstations to	will
If you have any other questions, please call me at  TICTU Support Contractor @ ERF	

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(OTD) (CON)
From: Sent:  Cc: Subject:    (OTD) (FBI)
SENSITIVE BUT UNCLASSIFIED  NON-RECORD  b6 b7c b7c b7E
thanks
From: (OTD) (CON)  Sent: Wednesday, August 17, 2005 12:20 PM  To: (CON)  Cc: (OTD) (FBI); (OTD) (FBI); (OTD) (FBI); (OTD) (CON)  Subject: RE: New Red Wolf System
SENSITIVE BUT UNCLASSIFIED NON-RECORD
Greati I've just prepared an order to have them migrate all your data from the old to the new system and pack up and ship the before they leave your site next week. Please try and gather up all the documentation and pieces and parts so they can pack them up with the system.  Thanks
TICTU Support Contractor @ ERF
From: (CON)  Sent: Wednesday, August 17, 2005 9:27 AM  To: (OTD) (CON)  Cc: (FBI)  Subject: RE: New Red Wolf System
SENSITIVE BUT UNCLASSIFIED NON-RECORD

Thanks for the info. We ended up moving our VB systems so this won't be an issue now. Also, we received

the shipment this morning and have	awaiting the installation team	
Thanks again.	_	
ELSUR Technology Management Unit (ETMU) Electronic Surveillance Technology Section (ESTS), OTD Desk) Fax) (Cell)	b2 b4 b6 b7c b7E	
From: (OTD) (CON) Sent: Wednesday, August 17, 2005 7:11 AM To: (CON) Cc: (OTD) (FBI) Subject: RE: New Red Wolf System		
SENSITIVE BUT UNCLASSIFIED NON-RECORD	-	
TICTU Support Contractor @ ERF		•
Original Message From: Sent: Thursday, August 04, 2005 3:50 PM To: (OTD) (CON) Cc: (OTD) (FBI) Subject: RE: New Red Wolf System		
SENSITIVE BUT UNCLASSIFIED NON-RECORD		
I didn't realize you were out of town Guess I could h	nave been more specific about my questions	
The main info I am looking for is the dimensions	ant to do some minor re-arranging of furniture before	

the install team gets here	
If you or someone could get back to me with that information next week some time I we appreciate it	p6
Thanks,	b7C b7E
ELSUR Technology Management Unit (ETMU) Electronic Surveillance Technology Section (ESTS), OTD (Desk) (Fax) (Cell)	•
From: (OTD) (CON)  Sent: Thursday, August 04, 2005 11:14 AM  To: (CON)  Cc: (OTD) (CON)  Subject: New Red Wolf System	ſ
land the state of	
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
As I stated in my voice message back to you this morning, your new system is configured w  If the number of workstatic more or less than you require, please let me know and I will adjust the shipment. The system scheduled to arrive at your Site on or before August 17.	ons is
TICTU Support Contractor @ ERF	
SENSITIVE BUT UNCLASSIFIED	

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 05-21-2009 BY 60322 UC/LP/STP/JCF

	(OTD) (CON)	
From: Sent: To: Subject:	Tuesday, August 23, 2005 10.22 AM (OTD) (CON)  Red Wolf Training	b2 b4 b6 b7C b7E
UNCLASSIFIED NON-RECORD		
please pull order as a pony. order for that.	off the printer and correct the FUND CITE for the System Admin training may come back and want us to use the 06 CLIN, but we would just re-	
l also printed just to drives were to be 0		nt that needed to state the
If you could, please	EQUIPMENT funding. I'm going to use that on	to purchase

UNCLASSIFIED

(OTD) (CON)
From:  Sent:  Wednesday August 24 2005 11:11 AM  To:  (OTD) (FBI)  (OTD) (FBI)  (FBI)  (OTD) (CON)  Subject:  RE DCS 5000 // Red Wolf  Workstations
SENSITIVE BUT UNCLASSIFIED NON-RECORD
What is the timeline on this   The standard CLIN Windows workstations in quantities >5 are   each, so I'll have to ask   how much 'free' equipment (non-Capital) funds we have available that   feel comfortable in releasing if we buy 10 workstations   plus any other   costs for the proven software load. We will need   to go with 25
Original Message  From
SENSITIVE BUT UNCLASSIFIED NON-RECORD
When you get back we need to work out the order  Right now the plan is to get 10-25   workstations - I guess these will be GOE workstations (with their   for testing   would prefer to test this 1st batch with a known//proven   install. At least that was the impression I got from the meeting ????  We also need to get a couple loaded with the   who has been in contact with   guardian of the Bureau licensing). She tells me that we will have to load the
discover some driver issues Anyway - I would like to have load the either the one in the lab or from somewhere in the field. This will most closely duplicate
what we will be doing once we get to deployment. So we need to have at least one delivered here.  We probably should also give one with the configured so they can fight that battle now rather than later.

Lots of issues - things to talk about	b2 b4 b6 b7C b7E
From	
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
we definitely want a few (5?) of these machines set up at different places around LSTC. Please look around and decide with whom/where you would like them placed.  Thanks!	and
Original Message  From:	'); ](OI)
SENSITIVE BUT UNCLASSIFIED  NON-RECORD  As most of you know, we (OTD) have been working with the vendor to develop and fie version of the Red Wolf // DCS-5000 workstation. We have conducted	eld a

several user group meetings with Language Services and have implemented many of the recommendations of those meetings.

We are now prepared to field test a	workstations and are	b2 b6 b7C b7E
looking for candidates a HQ-LSTC. We hope to field 1 test phase. These workstations will be in addition to existing work set up in a separate area or co-located with existing RW worksta space available and preferences of the supervisors.	stations and can be eithe	
Please let me know your thoughts, concerns, suggestions. We we experience which results in a better system.	ant to make this a positive	е
Your help and cooperation is appreciated.		

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

	(OTD) (CON)	
From: Sent: To: Cc: Subject:	(OTD) (CON)  Wednesday, August 24, 2005 11.13 AM  (OTD) (FBI)  (OTD) (CON)  FW DCS 5000 // Red Wolf Workstations	b2 b6 b7C b7E
SENSITIVE BUT UNCLAS	<u>SSIFIED</u>	
Looks like you opened a common configural Message From: Sent: Wednesday, August	an of worms with this message Sounds like we will need more than 10 to start  (OI) (FBI)  24, 2005, 10:28 AM	
To: (OI) (FBI) Cc: (FBI);	(OTD) (FBI); (FBI); (CON); (CON); (CON); (OTD) (FBI); (OTD) (FBI); (OTD) (FBI); (OTD)	
(FBI); (OI) (FBI); (ITD) (CON) Subject: RE: DCS 5000 //	(OTD) (FBI); (OTD) (CON) (OTD) (FBI); (OTD) (CON); (OTD) (CON);	
SENSITIVE BUT UNCLAS NON-RECORD	SSIFIED	
Please look around and de	definitely want a few (5?) of these machines set up at different places aroundLS ecide with whom/where you would like them placed	TC.
Thanks		
Cc: (FBI)	(OTD) (FBI)  igust 24, 2005 9:48 AM  [FBI); [FBI] (OI) (FBI)  [(CON); [FBI]; [OTD) (FBI); [OTD) (FBI);  OI) (FBI); [OTD) (CON); [OTD) (FBI);  OI) (FBI); [OI] (OI) (FBI); [OI] (OTD) (CON); [OTD) (CON);	

SENSITIVE BUT UNCLASSIFIED NON-RECORD

As most of you know, we (OTD) have been working with the vendor to develop and field a	b4 b6 b70 b71
We are now prepared to field test a workstations and are looking for candidates atHQ-LSTC. We hope to field workstations for this test phase. These workstations will be in addition to existing workstations and can be either set up in a separate area or co-located with existing RW workstations depending on the space available and preferences of the supervisors.	
Please let me know your thoughts, concerns, suggestions. We want to make this a positive experience which results in a better system.	
Your help and cooperation is appreciated.	
	,
SENSITIVE BUT UNCLASSIFIED	
SENSITIVE BUT UNCLASSIFIED	
SENSITIVE BUT UNCLASSIFIED	

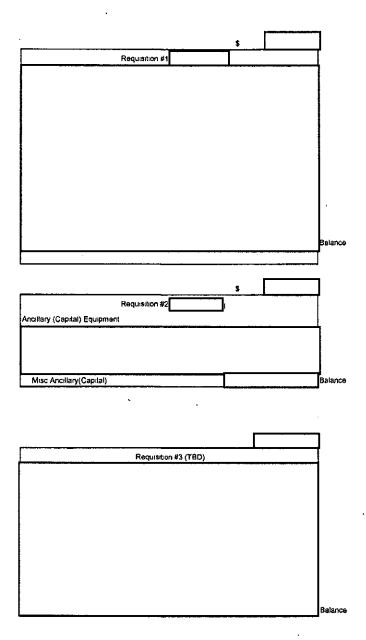
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

	(OTD) (CON)	DATE 05-21-2009 BY 60322	UC/LP/STP/JCF	
From: Sent: To: Cc: Subject:	(OTD) (0 Thursday, August 25, 2005 4:55 P OTD) (FB (OTD) RE. DCS 5000 // Red Woll	°M	(OTD) (FBI)	b2 b6 b7C b7E
Equipment Funds Balance_050824  SENSITIVE NON-RECORD	E BUT UNCLASSIFIED			٠
task order numbers listed	shows the balances left on open eq All others are projected/planned Th s definite items to purchase, if there	ne items (other than ancillary e	quipment) listed fo	or PO #3
Original Message From: Sent: Thursday, Augus To: Cc: Subject: FW: DCS 500 Importance: High	(OTD) (FBI) t 25, 2005 9:38 AM (OTD) (CON) (OTD) (CON);	(OTD) (FBI)		
SENSITIVE BUT UNCI	LASSIFIED .			
FY06, but I ca	equipt money available for twenty-fiven't seem to find it allocated anywhend let all parties aware of your finding	re. The monies would have to		
To: (OTD) (FBI) Subject: FW: DCS 500	(OTD) (CON) (OTD) (FBI);	ITOD) (FBI)	](OTD) (FBI);	, -

SENSITIVE BUT UNCLASSIFIED NON-RECORD

	b2 b4
	bб b7С
When you get back we need to work out the order  Right now the plan is to get workstations - I guess these will be GOE workstation  (with their for testing would prefer to test this 1st batch with a known//prove install. At least that was the impression I got from the meeting ????	
We also need to get a couple loaded with the  I have spoken with who has been in contact with guardian of the Bureau licensing). She tells me that we will have to load the I don't think that should be an issue but we may discover some driver issues Anyway - I would like to have load the on two systems out of GOE stock and a system - either the one in the lab or from somewhere in the field. This will most closely duplic what we will be doing once we get to deployment. So we need to have at least one system delivered here.	cate
We probably should also give one with the configured so they can fight that battle now rather than later.	
Lots of issues - things to talk about	
From:	<u>-</u>
SENSITIVE BUT UNCLASSIFIED NON-RECORD	,
we definitely want a few (5?) of these machines set up at different places around Please look around and decide with whom/where you would like them placed  Thanks!	
Original Message From:  (OTD) (FBI)	

i. o
Sent: Wednesday, August 24, 2005 9:48 AM       b2         To:       (FBI);       OI) (FBI)       b6         Cc:       (CON);       (FBI);       CON);       b70         (FBI);       (FBI);       (OTD) (FBI);       b71         (OTD) (FBI);       (OTD) (FBI);       (OTD) (CON);         (OTD) (FBI);       (OI) (FBI)       (OI) (FBI)       (OI) (FBI)
(FBI)] (OI) (CON); (OTD) (CON); (ITD) (CON);  Subject: DCS 5000 // Red Wolf Workstations
SENSITIVE BUT UNCLASSIFIED NON-RECORD
As most of you know, we (OTD) have been working with the vendor to develop and field a based version of the Red Wolf // DCS-5000 workstation. We have conducted several user group meetings with Language Services and have implemented many of the recommendations of those meetings.
We are now prepared to field test a workstations and are looking for candidates at HQ-LSTC. We hope to field workstations for this test phase. These workstations will be in addition to existing workstations and can be either set up in a separate area or co-located with existing RW workstations depending on the space available and preferences of the supervisors.
Please let me know your thoughts, concerns, suggestions. We want to make this a positive experience which results in a better system.
Your help and cooperation is appreciated.
SENSITIVE BUT UNCLASSIFIED
SENSITIVE BUT UNCLASSIFIED





SES	CLASSIFIED BY 60322 UC/LP/STP/JCF HEREIN IS UNCLASSIFIED EXCEPT REASON: 1.4 (c) UHERE SHOWN OTHERWISE DECLASSIFY ON: 05-21-2034
	(OTD) (CON)
From: Sent; To:	COTD) (FBI)   b2   b6   b7C   (OTD) (FBI);   (OTD) (FBI);   (OTD) (CON)   (OTD) (CON
Subject:	FW Phone Records
SENSITIVE BUT UNCLAS	<u>SIFIED</u>
To All, FYI Does anyone feel t	here is going to be an impact on RW (scope, capabilities, etc.)?
Original Message From: Sent: Thursday, September To: (OTD) (FBI); Cc: (CyD) (CON) Subject: RE: Phone Record	(OTD) (FBI); (CTD) (CON); (FBI); (CTD) (CTD) (FBI); (CTD)
SENSITIVE BUT UNGLASS NON-RECORD	<del>SIFIED</del>
data from being placed	ulk of the cases never had accounts thus preventing that  The work around being done as we speak avoids having they weren't anyway!
Original Message From Sent: Thursday, Septe To: OTD) (FBI); Cc: (CyD) (CON) Subject: RE: Phone R	(OTD) (FBI) ember 01, 2005 12:33 PM  FBI); (CTD) (CON); (FBI); (FBI); (CTD) (CDD) (CDD); (CDD) (CDD) (CDD); (CTD) (CDD) (CDD) (CDD); (CTD) (CDD) (CDD) (CDD) (CDD) (CDD); (CDD) (C
SENSITIVE BUT UNC	<u>LASSIFIED</u>

I wanted to include some statistics in my report which, for the most part, is farther down this e-mail.

The Pen data (for those targets setup



OLOIRE I	.b2
The next step is to obtain the	□ b6 b7c b7E
OTD plans on fielding the OCS-5000 systems once	
Original Message  From:	
<u>SENSITIVE BUT UNCLASSIFIED</u> NON-RECORD	
Complete enough, most Agents never even set up accounts for their data to  We along with ERF and HQ will get that started so all records can	
Original Message From: (CTD) (CON)  Sent: Thursday, September 01, 2005 11:23 AM  To (FBI): (FBI); (OTD) (FBI); (OTD) (FBI);  Cc: (CTD) (FBI)! (CTD) (FBI); (ITOD) (FBI);  Subject: RE: Phone Records	31)
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
It sounds like as far as is concerned, this matter is complete. It now stands with headquarters elected (ETMU, TICTU, FISA Unit, etc) to work out the technical details of further automating. Is this a fair state once the solution is completely automated, is there a plan in developement to deploy this solution as the field?	ment?
Original Message From: FBI) Sent: Thursday, September 01, 2005 11:00 AM	
To: (CTD) (CON) (FBI); (OTD) (FBI); (OTD) (FBI); (CTD) (FBI); (CTD) (FBI); (CTD) (FBI); (CTD) (FBI);	

SERRET		
(CyD) (CON);	(OTD) (FBI);	(ITOD) (FBI)
Subject: RE: Phone Records		<del></del>
		b2
		b6 b7c
SENSITIVE BUT UNCLASSIFIED		Ъ7Е
NON-RECORD		
,		
This is the latest from in the cc line		
This is the latest from in the cc line		
Automatic violent of Dee Deelstee data		
Automatic upload of Pen Register data		
Phase I - Due 8/31/05		
The phase I capabilities as outlines in the	serial 92 dtd 7/12/2	2005 have been
implemented. A Pen register report is		
ELSUR Technology Management Unit (ETMU) th		riduals assigned to the
ELSON Technology Management Onit (ETMO) to	çı <u>[</u>	
Lessons Learned from Phase I		
ETMU's source of court order information is incon	nolete. Close coordination with	is required to
L HIVO 9 SCUICE OF GOSAL GIGG! WISHINGTON 19 MICH	indicate. Older controller inter-	
	<u>.                                    </u>	
Next Steps (Phase II)		
·		
ETMU is coordinating with	the pen register data from	
		OTD's
Of equal importance is the ability to setup  Telecommunications Intercept and Collection Tec	chnology Unit (TICTU) and ETMU	
FISA Management Unit regarding		
Original Message		
From: (CTD) (CON)		
Sent: Thursday, September 01, 2005 10:20	AM (FBI);	(OTD) (FBI);
To: [FBI);	(FBI)	(O1D) (101),
Cc: (CTD) (FBI);	(CTD) (FBI);	T/
(CyD) (CON);	(OTD) (FBI);	(ITOD)
Subject: RE: Phone Records	•	
SENSITIVE BUT UNCLASSIFIED	,	

NON-RECORD

SEPRET

	SECINC I	b2 b0
	I just wanted to follow up on our meeting regarding the at HQ. I know ERF/ETMU was working this issue and expected an intersolution by August 31. Is the issue resolved as scheduled?	bī bī
[		
,	From:	); -
	SENSITIVE BUT UNCLASSIFIED NON-RECORD	
	A short list would include.	
	1 Provide	
	Currently, we     Nearly all Establishments use PRI-ISDN for telephone service	
	3. Provide from the RedWolf collection system	
	From (CTD) (CON) Sent: Wednesday, June 29, 2005 4:45 PM To: (FBI) Cc: (CTD) (FBI) Subject: Phone Records	]
ŧ	- SENSITIVE BUT UNCLASSIFIED NON-RECORD	b1
		b2 b6 b7C b7E
(S)	asked me to contact you regarding an issue of transferring massive amount and can provide will be helpful.	nts of g you
	Thanks,	
	SEGRET 8	



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SENSITIVE BUT UNCLASSIFIED

- SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

**SENSITIVE BUT UNCLASSIFIED** 

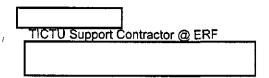
SENSITIVE BUT UNCLASSIFIED



## ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

From: Wednesday, September 14, 2005 10-54 AM b7C To: (OTD) (CON) Subject: RE RW Upgrade & RE: Ship 3 Workstations to ERF  UNCLASSIFIED NON-RECORD  I think we can only be responsible for DCS-500 equipment, but I should have known you were on top of this sufficient to give him any new info Original Message From: (OTD) (CON) Sent: Wednesday, September 14, 2005 9:28 AM To (OTD) (CON) Subject: RE: RW Upgrade & RE: Ship 3 Workstations to ERF  UNCLASSIFIED NON-RECORD  We have had this discussion with past - but there is also VB equipment and other stuff in the room - so unless he gathers the heat load information everything in the room, we will only know half of the story.	
I think we can only be responsible for DCS-500 equipment, but I should have known you were on top of this. It may sufficient to give him any new info Original Message  From:  (OTD) (CON)  Sent: Wednesday, September 14, 2005 9:28 AM  To:  (OTD) (CON)  Subject: RE:  RW Upgrade & RE: Ship 3 Workstations to ERF  UNCLASSIFIED  NON-RECORD  We have had this discussion with  past - but there is also VB equipment and other stuff in the room - so unless he gathers the heat load information everything in the room, we will only know half of the story. Original Message	
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From: (OTD) (CON)  Sent: Wednesday, September 14, 2005 9:28 AM  To: (OTD) (CON)  Subject: RE: RW Upgrade & RE: Ship 3 Workstations to ERF  UNCLASSIFIED NON-RECORD  We have had this discussion with in past - but there is also VB equipment and other stuff in the room - so unless he gathers the heat load information everything in the room, we will only know half of the story. Original Message	
We have had this discussion within past - but there is also VB equipment and other stuff in the room - so unless he gathers the heat load information everything in the room, we will only know half of the story.	
past - but there is also VB equipment and other stuff in the room - so unless he gathers the heat load information everything in the room, we will only know half of the story. Original Message	
	the for
Sent: Wednesday, September 14, 2005 8:07 AM To:(OTD) (CON) Subject: FW:RW Upgrade & RE: Ship 3 Workstations to ERF	b2 b4 b6 b7C b7E
UNCLASSIFIED NON-RECORD	
Is it possible to determine (estimate) the BTU's put out by the units and let whether the cooling requirements can be met? My guess is that should have that info available for passing to the right folks	<b>}</b>
Original Message From:    (CON)   (C	b2 b6 b7c b7e

Subject: RW Upgrade & RE: Ship 3 Workstations to ERF	b2 b6 b7c b7E
UNCLASSIFIED NON-RECORD	
I got your message the government plant manager, needs to respond to your questions about	out
the system upgrade	, ,
1) When should the upgrade take place?	
2) Do we have room for three weeks of parallel operations and data migration?	
3) Will the current room cooling suffice?	
Please let know if there are other questions you need answered? Also, we received the fourth RW workstation, which should close out RMS 101822. Thanks.	
P.S. According to the case agent, he anticipates the court order for to be approved the first second week in October. With our current RW system configuration.  Thanks.	or
ELSUR Technology Management Unit (ETMU) Electronic Surveillance Technology Section (ESTS) Operational Technology Division (OTD) (Desk) (Cell) (Fax)	
Original Message From:	b2 b6 b7C b7E
UNCLASSIFIED NON-RECORD	
you have recently received seven (7) Red Wolf workstations  Your RMS 101 had only asked for four (4) workstations. Please send three (3) of the seven received to the ERF  Thank you	822



b2 b4 b6 b7C

**UNCLASSIFIED** 

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

(OTD) (CON)  DATE 05-21-2009 BY 60322 UC/LP/STP/JCF
From: (OI) (FBI) Sent: Thursday, September 15, 2005 4.07 PM To: (OTD) (FBI) (OTD) (FBI), (OTD) (FBI), (OTD) (CON) (OTD) (CON)
Cc: (OTD) (CON) Subject: RE. Notes of Configuration Management Meeting of September 14, 2005 b4
SENSITIVE BUT UNCLASSIFIED NON-RECORD
NOTES/CHANGES
Thanks!!
Original Message
From (OTD) (CON)  Sent: Thursday, September 15, 2005 12:41 PM  To: (OI) (FBI); (ITD) (CON): (OTD) (FBI);
(OTD) (FBI); (OTD) (CON); (OTD) (CON)  Cc: (OTD) (CON); (OTD) (CON)  Subject: Notes of Configuration Management Meeting of September 14, 2005
SENSITIVE BUT UNCLASSIFIED NON-RECORD

SENSITIVE BUT UNCLASSIFIED NON-RECORD

Attached are my (and whomever filled in at the end's) notes of the meeting of September 14, 2005 at the ERF. Please forward any corrections, additions or omissions to each respondent to ensure all parties have the same

comments. I will be faxing a copy of these	to ensure I did not misquote her statements	
Thanks	2ය් එස් එර්	
TICTU Support Contractor @ ERF	. b7	С

SENSITIVE BUT UNCLASSIFIED

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

	(OTD) (CON)	DATE 05-21-2009 BY	60322 UC/LP/STP/JCF	
From: Sent: To: Cc: [ Subject:	Monday Sentember 19 2005 9:1 (OTD) (FBI) (OTD) (	BI). (FBI)	OTD) (FBI); (CON)	. b2
SENSITIVE BUT UNCLASE NON-RECORD	SIFIED		,	74
Please provide me with a co	opy of the response to inquiry	that was sent 9/16/05 as f	ollows	. •
50's and utilize	33 hree additional RW workstations fo	or itsWe	currently have 2 on-goin	ig Title
Who will be using the and the control of the contro	additional workstations? <i>III</i> not by remained equipment such as attended to the existing server to support these additional worksta	/foot pedals etc? workstations?	uists// ??	
	have to magney did the DNS			
	w how to respond to the RMS.			
Thanks				
TICTU Support Contractor	@ ERF			

# ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 04-01-2010 BY 60322 UC/LP/STP/JCF

(OTD) (CON)
From;         (SecD) (CON)         b2           Sent:         Monday, September 19, 2005 11:20 AM         b6           To:         (OTD) (CON)         b7C           Cc:         (OTD) (CON)         (OTD) (FBI)           Subject:         RE. Users Guides Etc
UNCLASSIFIED NON-RECORD
Hí,
i have also been busy. I did some research on the Internet over the weekend, but this of course does not fully satisfy the concerns. I have also contacted the RedWolf product. I have yet another avenue that I will be pursuing
B Cing U
Original Message  From:
UNCLASSIFIED NON-RECORD
I've just spoken with They are almost complete in compiling a CD of all applicable users guides, System Admin guides and the like.As I know more I will contact you.
It appears as though this will not be the sticky point in any regard. As to POC info for testing; I have seen some e-mails passed back and forth from It appears they are handling this at higher levels is out this morning. If there is anything I can do today to speed this along please let me know. My Final Qtr schedule for 05 was just deleted as things have changed so drastically. Thus, I'm free to assist in any way.
Unix Engineer

TICTU Support Contract	tor @ ERF	
		b2 b6 b7C

UNCLASSIFIED

UNCLASSIFIED

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 05-21-2009 BY 60322 UC/LP/STP/JCF

	(OTD) (CON)	.b2 
From: Sent: To: Cc:	(OTD) (CON)  Wednesday, September 21, 2005 9:09 AM  (OTD) (CON)  (CON)  (CON)  (CON);	b6 b7c b7E (CON)
Subject:	(OTD) (FBI); (OTD) (CON RE' Information for tomorrow's conference.	)
SENSITIVE BUT UNCLAS	SSIFIED -	
Yes I would like to be part	of the meeting	
Thanks		
Programmer Analyst V ELSUR Technology Manage Electronic Surveillance Technology Phone Cell: Page Fax:		
To: Cc: (OTD) (FBI);	(OTD) (CON)  ptember 21, 2005 6:58 AM  (CON)  (CON);  (OTD) (CON);  (OTD) (CON)  tion for tomorrow's conference	(FBI);
SENSITIVE BUT UNC NON-RECORD	LASSIFIED	
- I've included connectivity workstations, and one The number of worksta	on this message as they are the folks that know will happen. I know that the Site Survey document that I forw of my questions was going to be exactly how many workstations are ations could be an important factor as to when and how your system	arded to you shows six (6) e required and for whom?
questions, I'll bridge en	re having a telephone site survey today at 12:00 Noon, and if you'd ther of you in about 12:15 PM.	like to address the
TICTU Support Contra	ictor @ ERF	

Original Message  From: (CON)  Sent: Tuesday, September 20, 2005 4:53 PM  To: (OTD) (CON)  Cc: (CON); (CON); (FBI)	b2 b6 b70 b7E
Subject: Information for tomorrow's conference  SENSITIVE BUT UNCLASSIFIED NON-RECORD	
I wanted to give you some information about a question which will be asked tomorrow. The site at the but has a SECRET level. The CA informed me that a new case which is in the will require their Redwolf	Dipeline
Thanks,  Electronic Surveillance Operations Support Office (EOSO) Electronic Surveillance Technology Section (ESTS) Operational Technology Division (OTD)  (Desk) (Fax) (Cell)	

SENSITIVE BUT UNCLASSIFIED

### FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

# Serial Description ~ COVER SHEET

Total Deleted Page(s) ~ 7
Page 64 ~ Duplicate to 1062404-1 OGC/UC-STLU
Page 89 ~ Duplicate to 1062404-1 Div Docs 29
Page 90 ~ Duplicate to 1062404-1 Div Docs Sec 29
Page 91 ~ Duplicate to 1062404-1 Div Docs 29
Page 316 ~ Duplicate to 1056287 Div Docs 29
Page 320 ~ Duplicate to 1056287 Div Docs 29
Page 321 ~ Duplicate to 1062404-1 Div Docs 29



	(OTD) (CON)	
From: Sent: To: Cc: Subject:	(OTD) (FBI); (OTD) (FBI) (OTD) (FBI); (OTD) (CON)	b2 b6 b7A b7C b7E
- SECRET/NOFORN RECORD	]	
I'm told that the ir (GWOT or plan)? No timeframe has be	is to be taken down. The impact of this decision is that we need to provide  We have a size in mind. However, with the  re reliability and performance is short lived. Can we expect additional funding for this educated to make this happen with our FY06 money (not currently accounted for interprovided to date.	ffort
	D) (FBI); (OTD) ( <u>FBI</u> ); (OTD) (F <u>BI</u> );	<u> </u>
(ITD) (CON); Cc (FBI); Subject: Recent Trip	(ITD) (CON) (CTD) (FBI); (FBI); (FBI);	
SECRET#NOFORN RECORD	]	
Red Wolf sys information package (include	ay morning (29 September 2005), CTD again expressed their desire to replace the existems with a Red Wolf system. I was asked to provide an ing detailed system descriptions and cost information) on the various Red Wolf system (the near term requirement). I provided a brief system overview to have an so I provided that to	
ELSUR Technology Manag Electronic Surveillance Tec Operational Technology Div (Desk) (Cell) (Fax)	hnology Section (ESTS)	. ,
Original Message From:	(FBI)	

Sent: Thursday. August 25, 2005 4:31 PM	
To: (CON)	(FBI); (FBI);
(OTD) (CON); (ITD) (CON	
(CTD) (FBI); (CTD) (FBI);	(CTD) (FBI)
Subject: RE: Various Red Wolf Items	
	b2
	b6
	b7C
SENSITIVE BUT UNCLASSIFIED	b7E
NON-RECORD	b4
A II	
All;	
I want to clarify what provided earlier was task	ked to "fully utilize the capabilities of the Red Wolf
system." This was told to AGC through the AD	
System: This was told to AGO   Islindight the AD	With that in mind, we want to initiate the Red
Wolf and have asked personnel to	
Obviously, soπware upgrades to Red vvoir may be needed.	
Obviously, software appraises to free worthing be needed.	
Now I want to address the future needs of Myself a	and my AGC believe that the dual system currently in use
Red Wolf) is outdated and headed for failure	
With that in mind; I propose that the dual system	em be phased out in favor of a more functional and fully
capable Red Wolf system. As near	as we can tell, is not going away
	Although (
realize an up to date Red Wolf system is expensive, we will	eventually have to do something
More importantly, a new Red Wolf system will hav	e better audio, better service, and the ability to
If there are any questions realted to this, please call myself	or AGC
422	
SSA	
SSA FBI	
FBI	
AGO	
FBI	
AGO	
AGO FBI-	
AGO	
AGO	
AGO	
AGO	(CDI).
AGO	(FBI); (FBI); (CON); (CON)

	(OTD) (CON)		4-02-2009	, P5/215/4Ct
From: Sent: To: Cc:	Monday, October 03, 2005	(FBI) i 12:29 PM FD) (FBI) DTD) (FBI)	Тотру (сс	) INO
Subject:	RE: Recent Trip		CON);	(OTD) (FBI) b2
SECRETI/NOFORN RECORD	· ] · · ·			b6 b7. b7. b7.
nonies will be involved (even planning to procure a Please do apn	ware of this. As much as I ven though our budget is set) sooner (2006) the ce this effort is a go. As already allocated for FY200	. Regardless, we will no an later (2007). There a mentioned below,	eed to get pro <u>active with</u> seems to be a a purchase like this will I	this situation by
since TICTU has only now	been invited to this party. The lation coming. Also, remind	ICTU will determine th	e size of the system to I	be placed at
From: Sent: Monday, Octobe To: Cc: Subject: FW: Recent	(OTD) (FBI)	(OTD) (FBI) (OTD) (C	ON)	
SECRET//NOFORN RECORD				
I'm told that the effort (GWOT in budget plan)? No tim	the reliability and	We hat performance is short live ake this happen with our case.	decision is that we need ave a size in mind. Howe yed. Can we expect addit or FY06 money (not curre	ver, with the tional funding for th
thnx, -ca Original Message From: Sent: Friday, Septemb	(CON) per 30, 2005 4:42 PM		- lo-	D) (CD)
Tol (OTD) (FB ITD) (CON)		OTD) (FBI) (ITD) (CON); D) (CON)	(OTD) ((	D) (FBT\\ CON);
•		2		

Cc:	(C1)	O) (FBI);		(FBI):		(FBI);
	(FBI)		(FBI);		(FBI)	
Subject: Recen						
ampleon (vefeel)	`——	*			•	
	•			,		b2
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						<b>b</b> 6
SECRET//NOFC	)RN	•				b7A
RECORD						b7C
KECOKL					•	b7E
•						
l need accietanc	o Vesterday mr	rning (20 Senter	nhar 2005) CTD	again eynrecce	ed their desire to re	nlace the evicting
D.	ed Wolf systems	with a	nber 2000), C1D	again expresse	tem: I was asked t	piace the existing
Tree and an analysis	su vvon systems	Willia		_treu vvoii sys	terri. I was asked t	U provide an
IIIIOIIIIauon pack	age miciuging of	etaneo system oe	escriptions and co	stiniormation)	on the various Red	r vvoii systems
that			uirement). I prov	ided a briet sys	tem overview to	
and		have an			so I provided that	tol
as a	first step.					
		17	hanks in advanc	e for your assis	tance.	•
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	ogy Managemen		* * * * * * * * * * * * * * * * * * * *	•		
Electronic Surve	illance Technolo	gy Section (EST	3) .		•	
Operational Tecl	hnology Division	(OTD)				•
	Desk) .	` '				
	Cell)		•			
	ax)					•
J'	an,	•	•			
•						
			· •			•
Original	Message			i	•	
From:	11003090	(FBI)		,		
	day, August 25,					
To:		(CON)			*	1
Cc:				ו גיורויין י		(FBI);
		-BI);		(FBI);		
						(CON);
	(OTI	o) (co <u>и);</u>		D) (CON);		(CON);
Cubioct Di	(OTI	D) (CON); D) (FBI)				
Subject: RE	(OTI	D) (CON); D) (FBI)		D) (CON);		(CON);
Subject: RE	(OTI	D) (CON); D) (FBI)		D) (CON);		(CON);
Subject: RE	(OTI	D) (CON); D) (FBI)		D) (CON);		(CON);
Subject: RE	(OTI	D) (CON); D) (FBI)		D) (CON);		(CON);
	[(ÖTI ](CTI E: Various Red W	D) (CON); D) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE	(OTI )(CTI E: Various Red W BUT UNCLASS	D) (CON); D) (FBI) olf Items		D) (CON);		(CON);
	(OTI )(CTI E: Various Red W BUT UNCLASS	D) (CON); D) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE	(OTI )(CTI E: Various Red W BUT UNCLASS	O) (CON); O) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE	(OTI )(CTI E: Various Red W BUT UNCLASS	O) (CON); O) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE	(OTI )(CTI E: Various Red W BUT UNCLASS	O) (CON); O) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE NON-RECO	(OTI )(CTI E: Various Red W BUT UNCLASS	O) (CON); O) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE	(OTI )(CTI E: Various Red W BUT UNCLASS	O) (CON); O) (FBI) olf Items		D) (CON);		(CON);
SENSITIVE NON-RECO	[(ÖTI ](CTI ](CTI E: Various Red W BUT UNCLASS PRD	O) (CON); D) (FBI) olf Items	<u> </u>	TD) (CON); CTD) (FBI);		(CON); (CTD) (FBI)
SENSITIVE NON-RECO	[(OTI ](CTI ](CTI E: Various Red W BUT UNCLASS PRD	D) (CON); D) (FBI) Volf Items  IFIED	was tasked	to "fully utilize	the capabilities of t	(CON); (CTD) (FBI)
SENSITIVE NON-RECO	[(ÖTI ](CTI ](CTI E: Various Red W BUT UNCLASS PRD	D) (CON); D) (FBI) Volf Items  IFIED	<u> </u>	to "fully utilize	the capabilities of t	(CON); (CTD) (FBI)
SENSITIVE NON-RECO	[(OTI ](CTI ](CTI E: Various Red W BUT UNCLASS PRD	D) (CON); D) (FBI) Volf Items  IFIED	was tasked	to "fully utilize		(CON); (CTD) (FBI)
SENSITIVE NON-RECO	(OTI) (CTI)	ovided earlier.	was tasked	to "fully utilize	the capabilities of t	(CON); (CTD) (FBI)
SENSITIVE NON-RECO	(OTI) (CTI)	D) (CON); D) (FBI) Volf Items  IFIED	was tasked	to "fully utilize		(CON); (CTD) (FBI)
SENSITIVE NON-RECO All, I want to cla system." T	(OTI) (CTI)	ovided earlier.	was tasked	to "fully utilize		(CON); (CTD) (FBI)
SENSITIVE NON-RECO	(OTI) (CTI)	ovided earlier.	was tasked	to "fully utilize		(CON); (CTD) (FBI)
SENSITIVE NON-RECO All, I want to cla system." T	(OTI) (CTI)	ovided earlier. GO Ith	was tasked rough the AD of (	to "fully utilize	vvith that in mind, v	(CON); (CTD) (FBI)
SENSITIVE NON-RECO All, I want to cla system." T	(OTI) (CTI)	ovided earlier. GO Ith	was tasked	to "fully utilize	vvith that in mind, v	(CON); (CTD) (FBI)
SENSITIVE NON-RECO	I (OTT)  (CT)  (CT)  (CT)  (CT)  (E: Various Red W  BUT UNCLASS  PRD   rify what prohis was fold to Are	ovided earlier. GO the	was tasked rough the AD of (	to "fully utilize	vvith that in mind, v	(CON); (CTD) (FBI)
SENSITIVE NON-RECO	I (OTT)  (CT)  (CT)  (CT)  (CT)  (E: Various Red W  BUT UNCLASS  PRD   rify what prohis was fold to Are	ovided earlier. GO the	was tasked rough the AD of o	to "fully utilize	vvitn that in mind, v	ne Red Wolf
SENSITIVE NON-RECO	I (OTT)  I (CTT)  I (	ovided earlier.  The provided earlier ovided earlie	was tasked rough the AD of the personnel to the upgrades to Recommendation in the upgrades to the upgrades to Recommendation in the upgrades to the upgrades to the upgrade in	to "fully utilize CTD. o	vvith that in mind, v needed. ve that the dual sys	ne Red Wolf
SENSITIVE NON-RECO All, I want to cla system." To the Red Wo	I (OTT)  I (CTT)  I (	ovided earlier.  The provided earlier ovided earlie	was tasked rough the AD of o	to "fully utilize CTD. o	vvith that in mind, v needed. ve that the dual sys	ne Red Wolf

With that in mind, I propose that the dual system be phased out in favor of a more functional and fully capable Red Wolf system  As near as we can tell, is not going away
Although I realize an up to date Red Wolf system is expensive, we will eventually have to do something More importantly, a new Red Wolf system will have better audio, better service, and the ability to
 If there are any questions realted to this, please call myself or AGC
 b2 b6 b7c b7E b4
AGC
Original Message From: (CON) Sent: Wednesday, August 24, 2005 2:07 PM To: (FBI) Cc: (FBI); (FBI);
(OTD) (CON); (ITD) (CON); (CON)  Subject: Various Red Wolf Items
SENSITIVE BUT UNCLASSIFIED NON-RECORD
and informed me that all Red Wolf components were now functional. how the Tuesday afternoon meeting went? Any guidance/direction/requests?
Do you want to sponsor SCI access for us at We started the process, but our security officer informed me that the program we are supporting needs to start the process?
We will probably be back on site in the near future to support placing the Red Wolf on We about a year and a half ago Since then, there nave been various sortware upgrades to the systems. We need to determine whether the Red Wolf system you have can be upgraded to be compatible with the others
We are also researching the location of the TIU that is in question. Are there other issues you would like to add to these? Thanks.

ELSUR Technology Management Unit (ETMU)	-		•	
Electronic Surveillance Technology Section (ESTS)				b2
Operational Technology Division (OTD)				b6
Desk)	-		-	b7C
Cell)				2,0
Fax)		-		

# SENSITIVE BUT UNCLASSIFIED

DERIVED FROM: G-3 FBL Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations
DECLASSIFY ON: 20300930
SECRETI/NOFORN

DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations
DECLASSIFY ON: 20300930
SECRET//NOFORN

DERIVED FROM: G-3-FBI-Classification Guide G-3, dated 1/97, Foreign Counterintelligence Investigations
DECLASSIFY ON: 20300930
SECRET//NOFORN

DECLASSIFIED BY 60322 UC/LP/STP/JCF ON 04-02-2009

	(OTD) (CON)	•
From: Sent: To: Cc: Subject:	(OTD) (FBI)  Monday, October 03, 2005 1,12 PM (CON) (OTD) (CON) (OTD) (FBI); (OTD) (FBI); (OTD) (FBI); (OTD) (FBI);	BI)
30F Trip Report Aug 25_30.PDF SECRET///	b b	)2 )6 )7A )7C )7E
As you can see, we are One thing we will need required to support any report (attached) they system and hopefully in the are hoping to	d is These will be y upgrade of thesystem, and as can be seen fromtr	rip
Please let us know if/w	when themay be ready .	
Original Message From: Sent: Monday, Octobe To: Cc: (CON); Subject: RE: Recent	(OTD) (FBI)	•
FY2006 monies will be situation by planning to	once this effort is a go. As nentioned below, a purchase like this will have an impa	
necessary since TICTU	hich are already allocated for FY2006. Please send this response to whomever you deem U has only now been invited to this party. TICTU will determine the size of the system to be	e e

el only. Thanks.	•	•		
•	•		1	
	•			b2
				b6 b7C
Original Massage				b7E
Original Message From:	(OTD) (FBI)	•		
Sent: Monday, October				
To:	OTD) (FBI);	(OTD) (FBI)		
Cc	(OTD) (FBI)	(OTD)	(CON)	
Subject: FW: Recent	Trip		•	
1				
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SECRET//NOFORN		•		
RECORD				
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<del></del>	•		,	
I'm told that the	to to bo to	ken down. The impact of t	hie decision is that v	ve need to provide
i in told that the	is to be ta	kerr down, The impact of t		mind. However, with
the		reliability and performanc	e is short lived. Can	we expect additional
funding for this effort (C	SWOT	or do we need to make t	his happen with our	FY06 money (not
currently accounted for	in budget plan)? No ti	meframe has been provide	ed to date.	•
thnx,	•	•		
		and the second s	•	
-ca				
-ca Original Message				
Original Message From:	(CON)			
From: Sent: Friday, Septemb	er 30, 2005 4:42 PM			7(OTD) (FRI):
From: Sent: Friday, Septemb	er 30, 2005 4:42 PM (ITD) (FBI);	OTD) (FBI)	u\.	(OTD) (FBI);
From: Sent: Friday, Septemb	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI);	(ΠĎ) (CO	v);;	
From: Sent: Friday, Septemb	er 30, 2005 4:42 PM (ITD) (FBI);			(OTD) (CON);
From: Sent: Friday, Septemb To: (CC:	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);			(OTD) (CON);
From: Sent: Friday, Septemb To: ((I	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI)	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC:	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC:	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC: Subject: Recent	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC: Subject: Recent	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC: Subject: Recent	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC: Subject: Recent	er 30, 2005 4:42 PM (ITD) (FBI); OTD) (FBI) (TD) (CON); (CTD) (FBI); (FBI);	[π̄D) (CON) (π̄D) (CON) (FB		(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To: (CC: Subject: Recent SECRET//NOFORN RECORD	er 30, 2005 4:42 PM (ITD) (FBI); DTD) (FBI); (TD) (CON); (CTD) (FBI); (FBI);	ITD) (CON) (ITD) (CON) (FBI);	I);	(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To:  CC: Subject: Recent  SECRET/NOFORN RECORD	er 30, 2005 4:42 PM  (ITD) (FBI);  (TD) (FBI);  (CTD) (FBI);  (FBI);  Trip	(FBI); eptember 2005), CTD aga	in expressed their d	(OTD) (CON); (FBI);
From: Sent: Friday, Septemb To:  Cc: Subject: Recent  SECRET//NOFORN RECORD  I need assistance. Yes existing	er 30, 2005 4:42 PM  (ITD) (FBI);  DTD) (FBI);  (CTD) (FBI);  (CTD) (FBI);  Trip  sterday morning (29 Sered Wolf systems with	ptember 2005), CTD aga	in expressed their d	(OTD) (CON); (FBI); (FBI) esire to replace the em. I was asked to
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E <u>O</u>	lectronic Surveillance Technology Section (ESTS)  perational Technology Division (OTD)  (Desk)  b2 b6 b7c
	(Cell) b7C b7E b4
	Original Message From: (FBI) Sent: Thursday, August 25, 2005 4:31 PM
	To:
	Subject: RE: Various Red Wolf Items
	SENSITIVE BUT UNCLASSIFIED NON-RECORD
	All,
	I want to clarify what provided earlier. was tasked to "fully utilize the capabilities of the Red Wolf system." This was told to AGO through the AD of CTD.  With that in mind, we want to initiate the Red Wolf and have asked personnel to
	Obviously, software upgrades to Red Wolf may be needed.
	Now I want to address the future needs of Myself and my AGC believe that the dual system currently in use Red Wolf) is outdated and headed for failure. As you may already know.
	With that in mind, I propose that the dual system be phased out in favor of a more functional and fully capable Red Wolf system,  As near as we can tell,  is not going away
	Although I realize an up to date Red  Wolf system is expensive, we will eventually have to do something More
	importantly, a new Red Wolf system will have better audio, better service, and the ability to
	If there are any questions realted to this, please call myself or AGC
	r SSA
	AGC
	7

BI				b2 b6
Original Message From: Sent: Wednesday, Augus				b7C b7E
To: Cc: Subject: Various Red Wo	(FBI); OTD) (CON); off Items	(FBI) (ITD) (CC	N);	(FBI); (CON)
SENSITIVE BUT UNCLA	<u>SSIFIED</u>			
	·			
see how the Tuesday after Do you want to sponsor S informed me that the programment of th	CI access for us at	ny guidance/directio We started the p	n/requests?	asked me to
We will probably be back We software upgrades to the upgraded to be compatible	at systems. We need to de	out a year and a ha	If ago Since then, there ha	ave been various
We are also researching to add to these? Thanks.	the location of the TIU th	at is in question. An	e there other issues	you would like
ELSUR Technology Mana Electronic Surveillance Te	echnology Section (ESTS	S)		
Operational Technology (Desk) (Cell) (Fax)	Division (OTD)	· · · · · · · · · · · · · · · · · · ·	:	

# DECLASSIEV ON: 20300930

DERIVED FROM: G-3 FRI Classification Guide G-3, dated 1/97. Foreign CounterIntelligence Investigations
DECLASSIFY ON: 20300930
SECRET//NOFORN

DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign-GounterIntelligence Investigations DECLASSIFY ON: 20300930
SECRET//NOFORN

DERIVED FROM: G-3 FBLClassification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations
DECLASSIFY ON: 20300930
SECRET//NOFORN

(OTD) (CON)	
From: (CON) Sent: Tuesday October 04, 2005 1:38 PM To: (OTD) (FBI)	
Cc: (OTD) (CON) (OTD) (FBI):	) (CON) (OTD)
	FBI); OTD) (CON);
(CON) (ITD) (CON)	(0.15) (0.010);
Subject: RE: Recent Trip	b2
30F Trip Report Aug 25_30.PDF	b6 b7A b7C b7E
SECRETI/NOFORN RECORD	
There will be	(which I believe
is both desired and the unofficial plan). As far as getting the believe that is best worked between and the rest of his crew in they can be	est determine
	hanks.
ELSUR Technology Management Unit (ETMU) Electronic Surveillance Technology Section (ESTS) Operational Technology Division (OTD) (Desk) (Cell) (Fax)	
Original Message  From:	(OTD) (FBI);
-SEGRET#NOFORN RECORD	
As you can see, we are working the issue.  One thing we will need is required to support any upgrade of the system, and as can be seen from	These will be

sisting system and hopefully improve its performance until we ca	in get it replaced.	
le are hoping to		<del></del>
ease let us know if/when the may be read	y .	
		. }
		} }
		}
Original Message		,
From: (OTD) (FBI)  Sent: Monday, October 03, 2005 12:29 PM	•	•
To: (OTD) (FBI)		•
Cc: OTD) (FBI); (OTD) (CC	)N);	QTO)
(CON); (CON) (TIP) (CON) (TRI)		
The state of the s		•
SEGRET//NOFORN		
RECORD		
	ss, we will need to get p ater (2007). There seer	roactive wit ns to be a
FY2006 monies will be involved (even though our budget is set). Regardles this situation by planning to procure a sooner (2006) than is	es, we will need to get pater (2007). There seen ow, a purchase like this esend this response to full will determine the s	roactive wit ns to be a will have an whomever y size of the
Please do aonce this effort is a go. Asmentioned belo impact on program monies which are already allocated for FY2006. Please deem necessary since TICTU has only now been invited to this party. TICT system to be placed atso keep the information coming. Also, rem	es, we will need to get pater (2007). There seen ow, a purchase like this esend this response to full will determine the s	roactive with the to be a will have an whomever yetse
Please do aonce this effort is a go. Asmentioned belo impact on program monies which are already allocated for FY2006. Please deem necessary since TICTU has only now been invited to this party. TICT system to be placed atso keep the information coming. Also, rem	es, we will need to get pater (2007). There seen ow, a purchase like this esend this response to full will determine the s	roactive with the to be a will have an whomever yetse
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Please do a	es, we will need to get pater (2007). There seen ow, a purchase like this esend this response to following the sind those you talk to the	roactive with the to be a will have an whomever yetse
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Please do a once this effort is a go. As mentioned belo impact on program monies which are already allocated for FY2006. Please deem necessary since TICTU has only now been invited to this party. TICT system to be placed at so keep the information coming. Also, rem classified at the secret level only. Thanks. Original Message	es, we will need to get pater (2007). There seen ow, a purchase like this esend this response to following the sind those you talk to the	roactive with the to be a will have an whomever yetse
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ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 04-02-2009 BY 60322 UC/LP/STP/JCF

	TD) (CON)		•
To:	(OTD) (CON)  dav. October 06, 2005 10:55 AM  (OGC) (FBI)  (OTD) (FBI)  Rights - revisited		b2 b4 b6 b7C b7E
UNCLASSIFIED NON-RECORD			
- Have you heard from	regarding Government rights to software	are yet?	
We are in the process of developing	α a	· · · · · · · · · · · · · · · · · · ·	
The current Red Wolf system			
		s aware of wh	nat's being done
and has not raised any objections	***	s aware of wh	nat's being done
and has not raised any objections			nat's being done
and has not raised any objections			nat's being done
and has not raised any objections  Please call if you have questions.			nat's being done