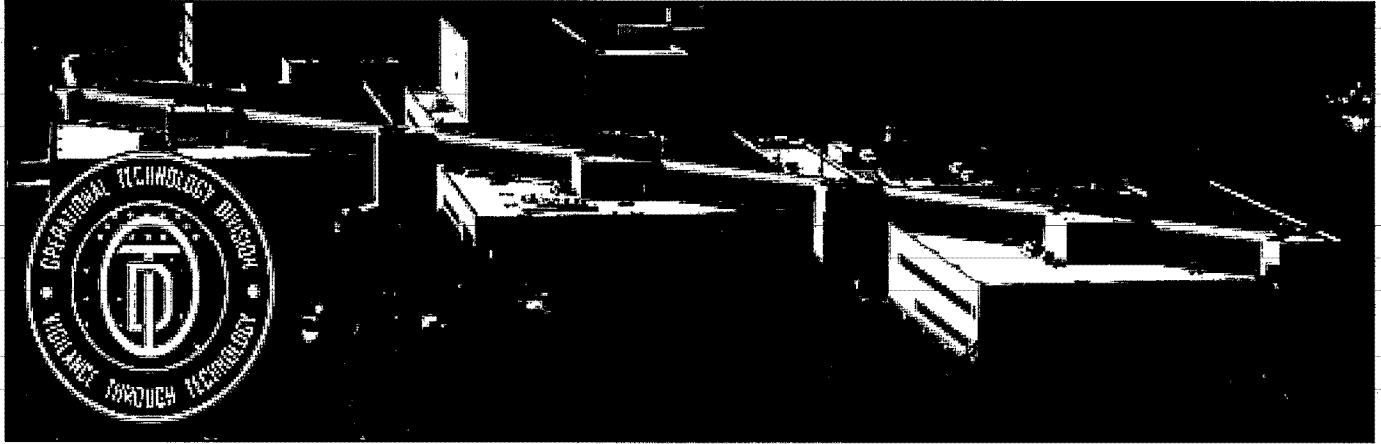
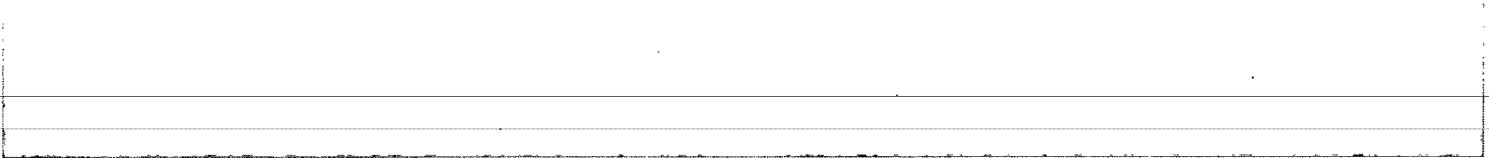


b3
b7E



CELL/OTD 019855

PROGRAM BRIEFING
June 20, 2011





[Redacted]

(Background)

[Redacted]

[Redacted]

to address sharing of technologies, techniques,

[Redacted]

[Redacted]

is a sharing member in several technical areas of interest

b3
b7E

CELL/OTD 019856

• [Redacted]

has direct access to

[Redacted]

Topics for today were not specifically addressed in [Redacted]

due to [Redacted]

[Redacted]

Possibly leverage [Redacted]

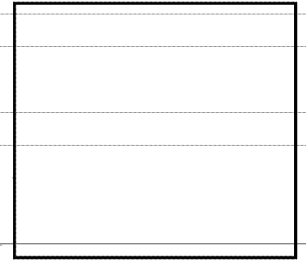
to share any information identified in today's

meeting, or use as an access method to communicate easily.

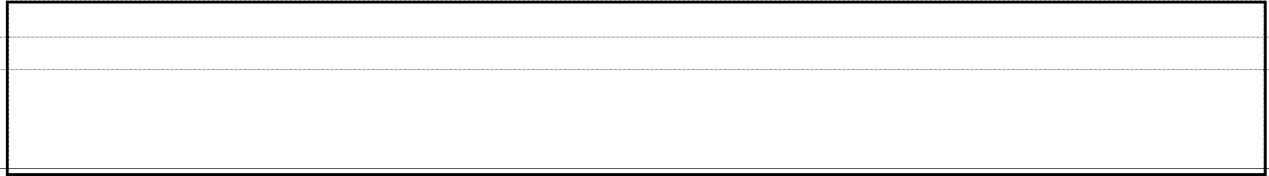
[Redacted]



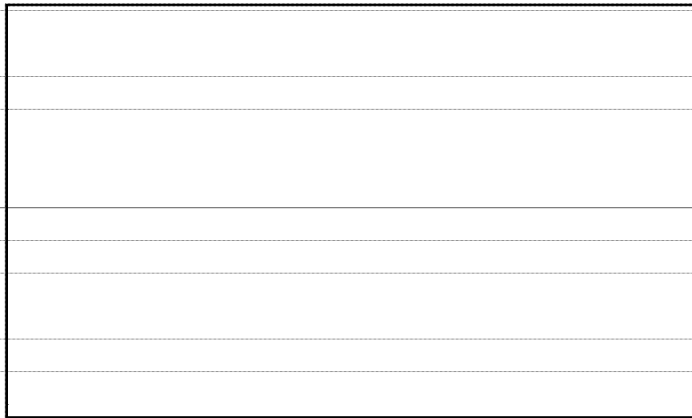
Today's Presentation



Discuss suites of tools with requirements for



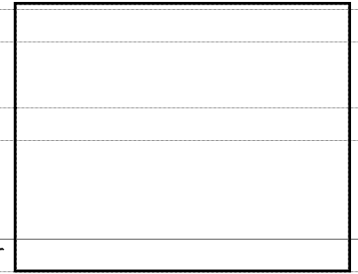
CELL/OTD 01987



b3
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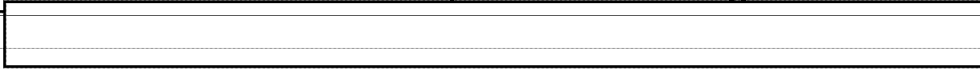
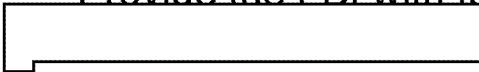
BIG PICTURE



CELL/OTD 019859

"Provide the FBI with technologies to support [redacted]

Criminal Investigations involving [redacted]

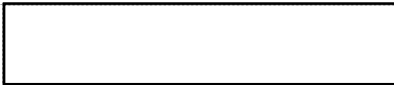


... (Growing User Base)...

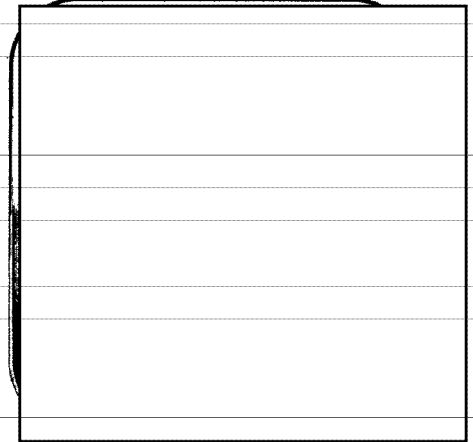
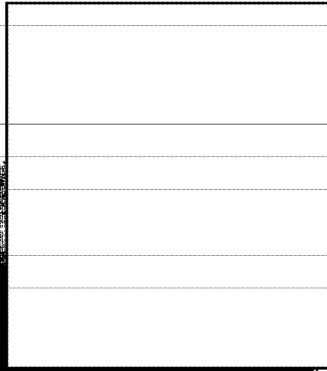
b3

b7E

MISSION GOALS

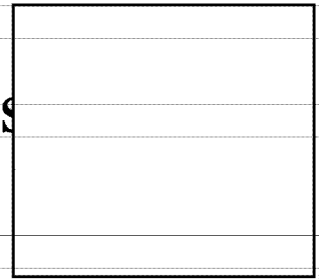


- Program Management
- R&D and Procurement
- 24x7 Operational Support
- Liaison (Gov't / Commercial)





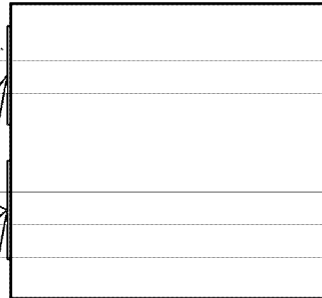
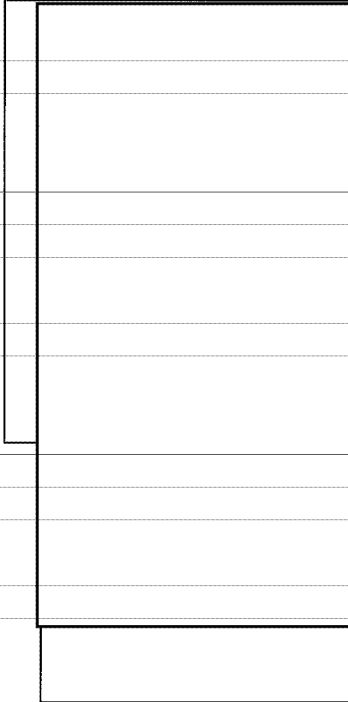
Technology/Capabilities/Tools Mapping to Mission Goals



Technique/Tool

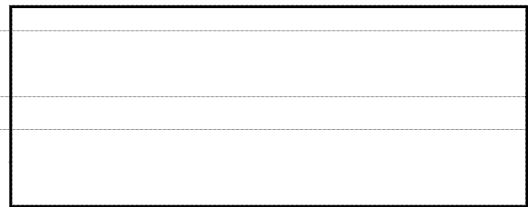
MISSION GOALS

Technique/Tool



**In General – Techniques/Tools
are multi-purpose (Re-use)**

POPULAR EXAMPLES of Techniques/Tools

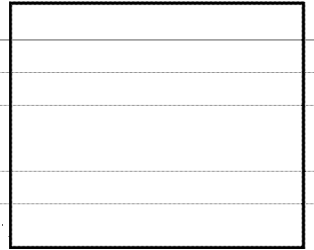


CELL/OTD 019860

b3
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Background

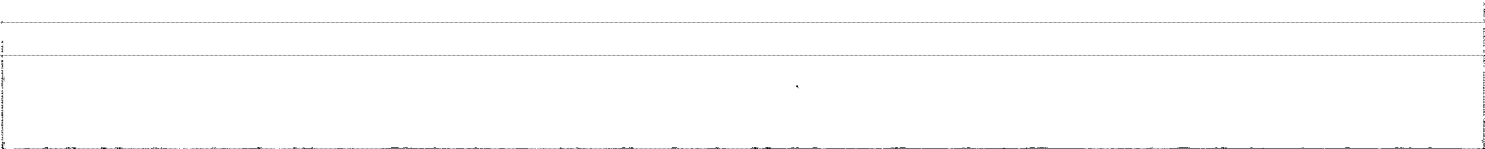


CELL/OTD 019861

Before we go into each Mission Goal and Describe Capabilities...

A little about the US and the FBI

b3
b7E





*Current Popular Communications Technologies
throughout U.S.*

[Redacted]

[Redacted]

[Redacted]

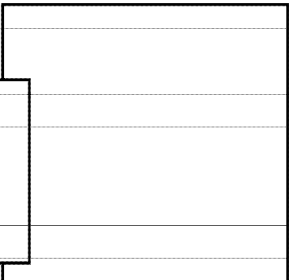
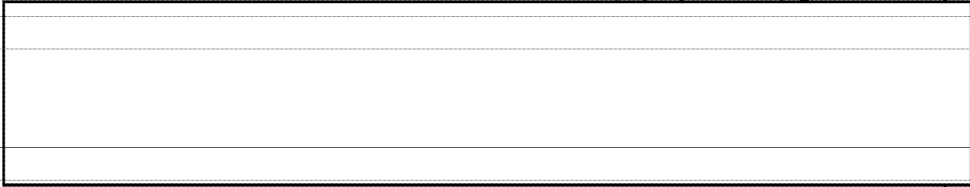
[Redacted]

CELL/OTD 019862

b3
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Protocol Forecasting



Network Technology Evolution

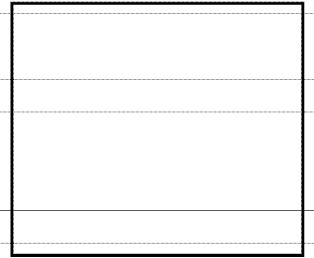


CELL/OTD 019863

b3
b7E



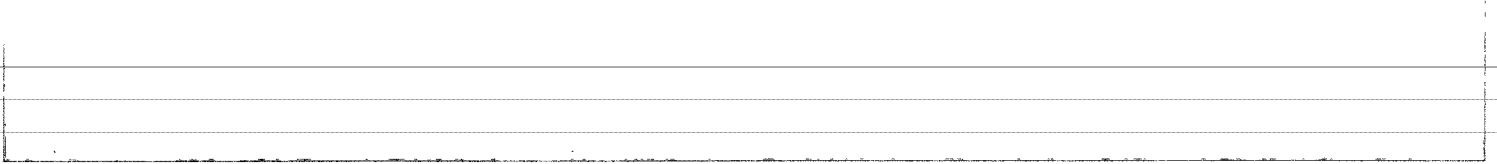
Mission Goals Continued...



b3
b7E

Let's get back to Mission Goals ...

CELL/OTD 019866





Question to

What systems are used?

What is widely used format required for

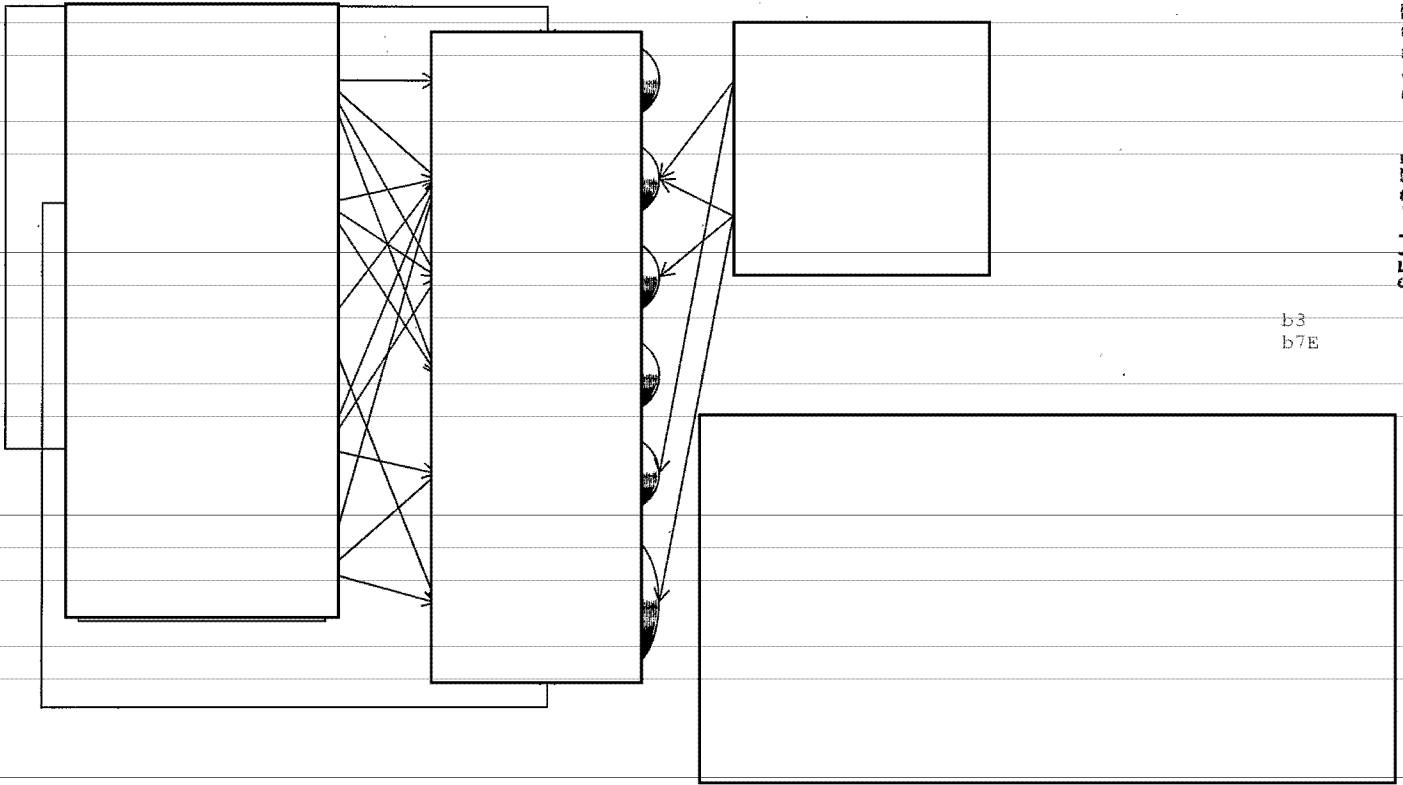
What is the

b3
b7E

CELL/OTD 019872



Technology/Capabilities to Mission Goals

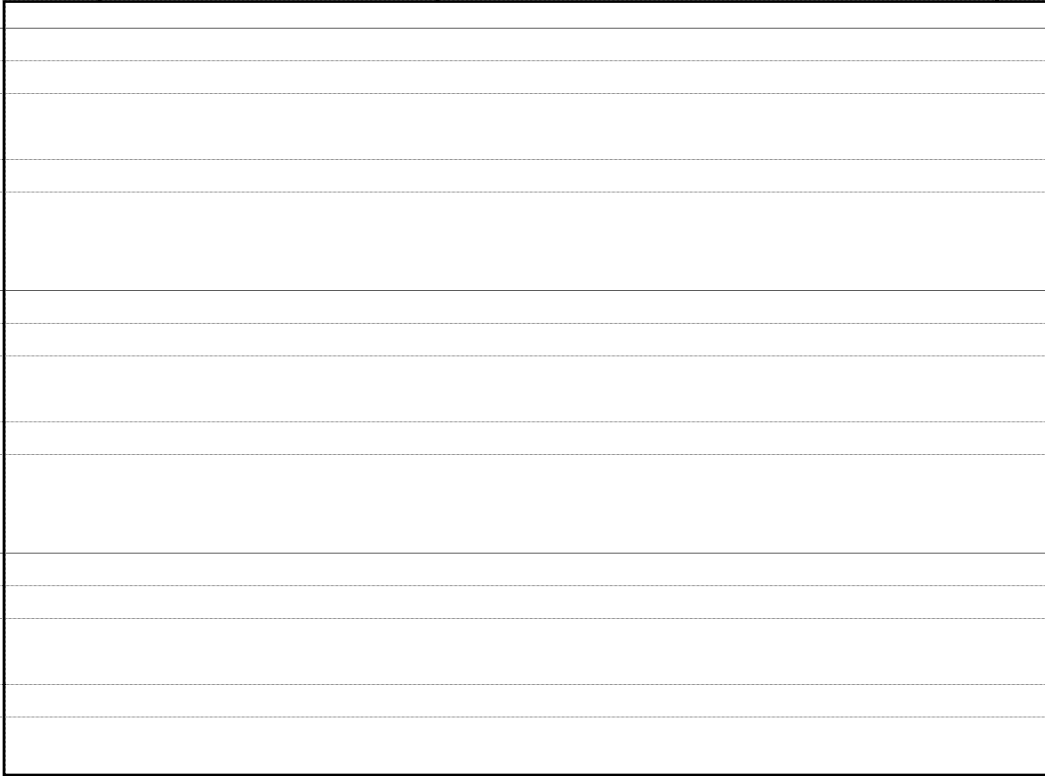
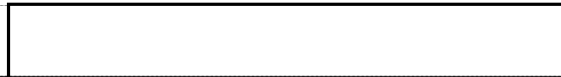
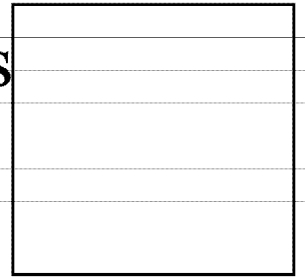


b3
b7E

CELL/OTD 019873

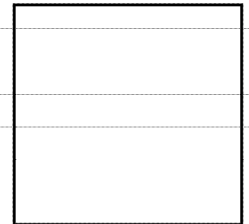


Reference Data / Data Sources Enhancements



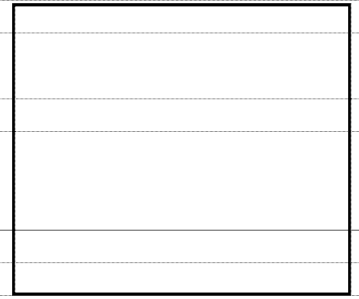
CELL/OTD 019874

b3
b7E





TOPICS



SPECIFIC TOPICS

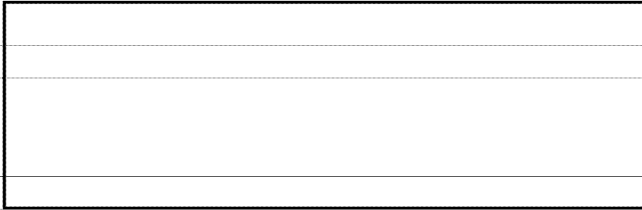


CELL/OTD 019877

OTHER TOPICS

b3
b7E

Today's Wireless Devices





Other

(Discussion)

Serve as

or for evaluation

CELL/OTD 019878
b3
b7E

Recommendations ??



Today's

[Redacted]

[Redacted]

[Redacted]

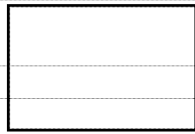
CELL/OTD

[Redacted]

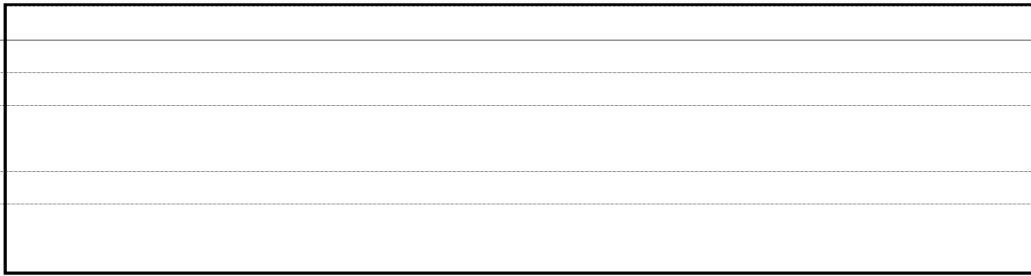
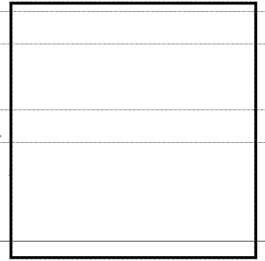
b3
b7E

[Redacted]

[Redacted]



Continued...



b3
b7E

18810 019881

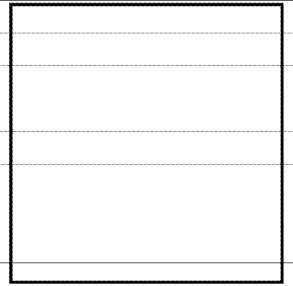


Applicable Missions

-
-
-
-
-
-
-
-
-

588612 010/113

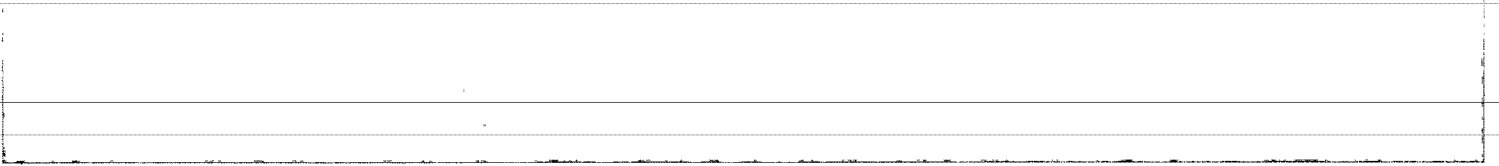
b3
b7E



b3
b7E

QUESTIONS??

CELL/OTD 019885

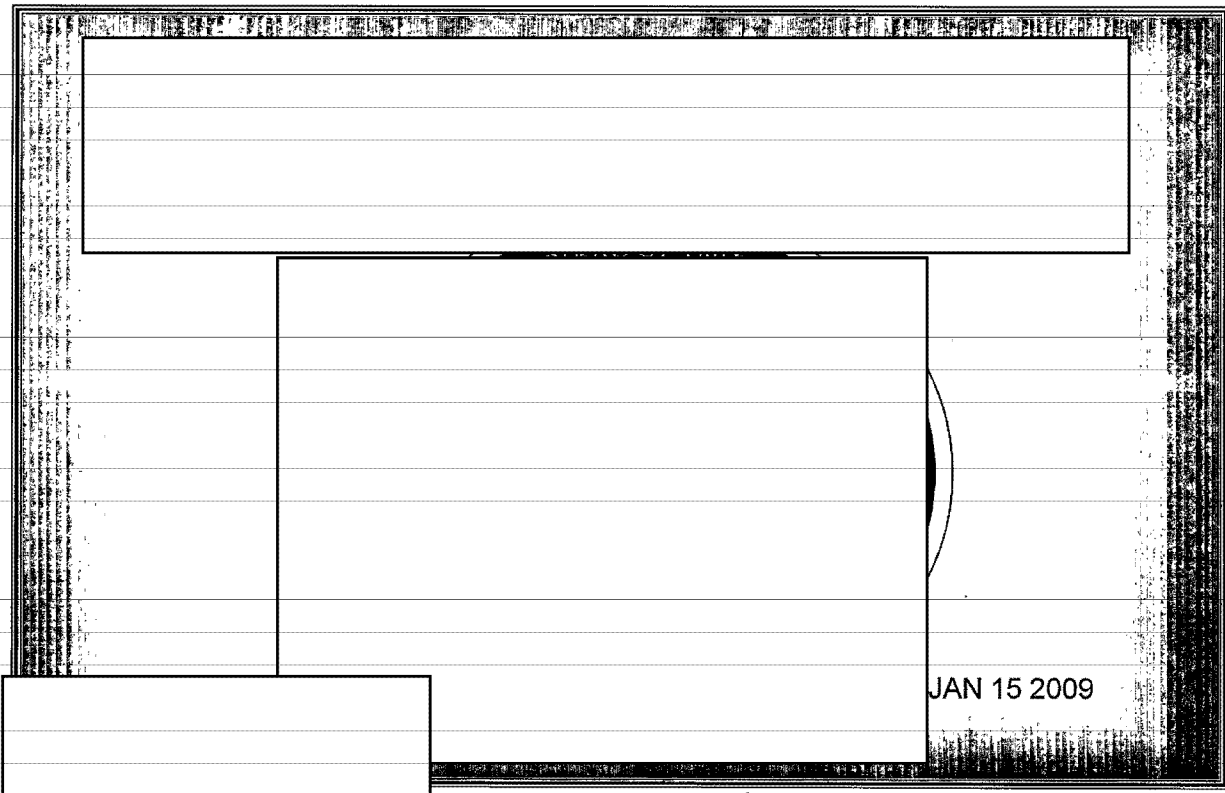


~~SECRET~~

DATE: 12-06-2012
CLASSIFIED BY 65179/dmh/stp/as
REASON: 1.4 (c, d)
DECLASSIFY ON: 12-06-2032



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WHERE SHOWN OTHERWISE



JAN 15 2009

b3
b7E

JAN 15 2009

~~SECRET~~

CELL/OTD 019657

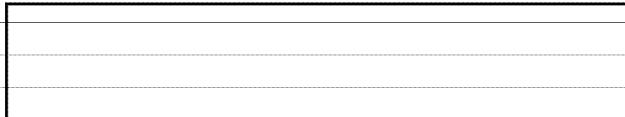
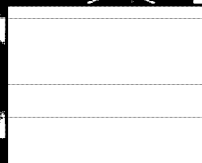
1

~~SECRET~~

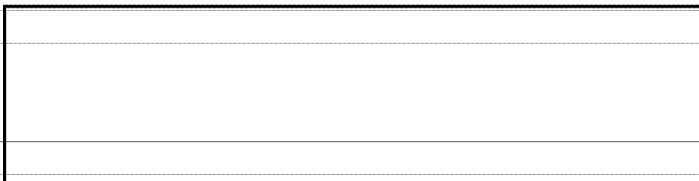
~~SECRET~~



Organization



SECTION



b3
b7E

~~SECRET~~

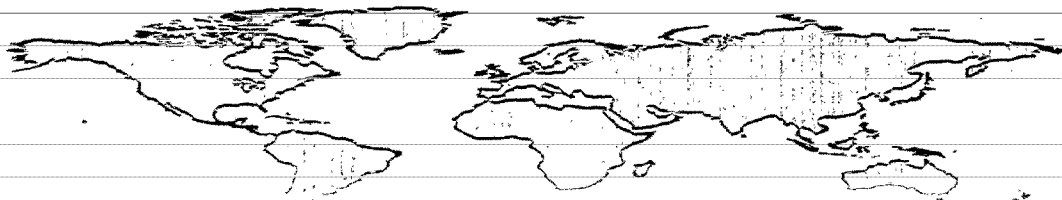
CELL/OTD 019658

2

~~SECRET~~



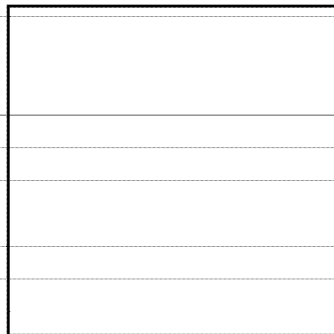
BIG PICTURE



“Provide the FBI with technologies to support [redacted] Criminal Investigations

b3
b7E

involving [redacted]

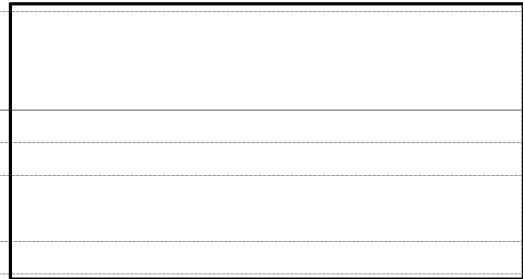


Operational Support

Liaison (Gov't / Commercial)

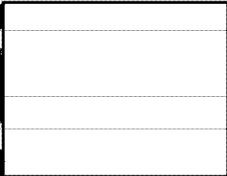
Research & Development

Program Management





Focus



Focus Areas applies research and development and liaison efforts to meet, at a minimum, requirements the following mission focus areas.

Identification:

b3
b7E



Initiatives

Tracking Technology Unit has traditionally managed [redacted] with the following initiatives.

- **Research and Development – Develop and enhance technologies to enable**

[redacted]

b3
b7E

- **Procurement / Maintenance – Manage purchases of**

[redacted]

[redacted]

- **Deployment / Training – Management of the**

[redacted]

[redacted]

- **Liaison – Provide liaison relationships with**

[redacted]

Attend and participate in working groups with specific focus.



~~SECRET~~
Case Scenarios

--

submits the following representative case scenarios, for discussion, that represent and increasing demand for FBI assistance, where the

--

has

b3
b7E



Increasing Request for Support

□

Criminal Mission:

□

Background:

•

Results

- [Redacted]

- [Redacted]

[Redacted]

[Redacted]

b3
b7E



Increasing request fo

~~SECRET~~

Background:

- Request to

b3
b7E

[Redacted content]

Techniques Deployed:

[Redacted content]

b1
b3
b7E

(S)



~~SECRET~~
Increasing Request for

Background:

(S)

b1
b3
b7E

Techniques Deployed:

(S)



Increasing request fo

Background

(S)

[Redacted content]

Techniques / requirements

(S)

[Redacted content]

b1
b3
b7E



~~SECRET~~
Request for [Redacted]

Background

(S)

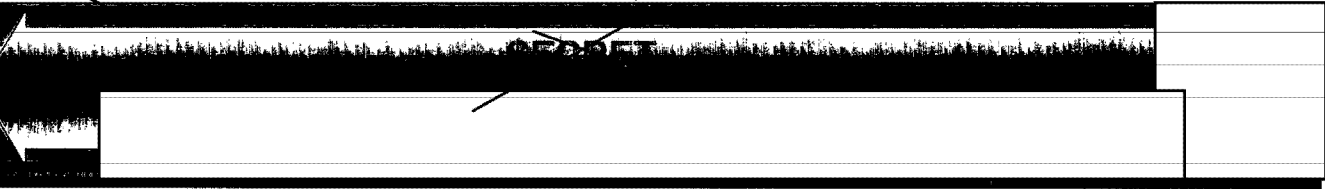
[Redacted]

Technologies

(S)

[Redacted]

b1
b3
b7E

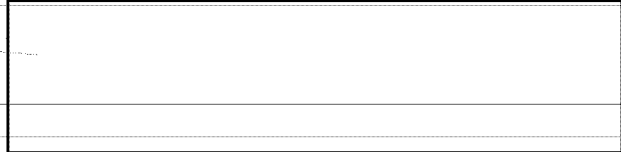


Background

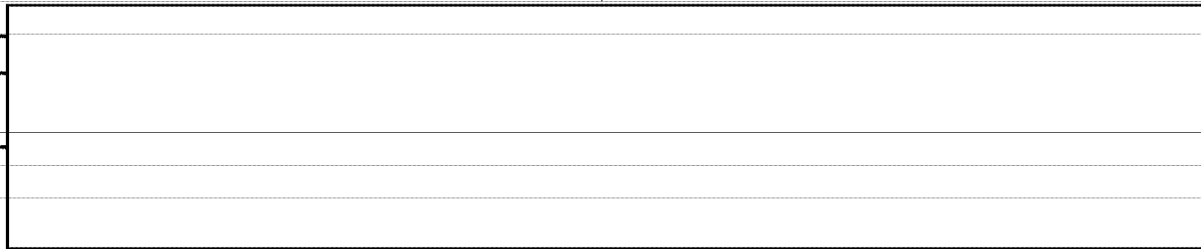
[redacted] has traditionally provided coverage for [redacted]
[redacted]

b1
b3
b7E

(S)



Technologies available



b3
b7E



~~SECRET~~
Methodologies

Issues

- Commercial Markets are implementing newer wireless standards and services in networks at accelerated rates.
- Technical Solutions are normally available [redacted]

Methodology	Description	Investment
Procurement	[redacted]	
[redacted]		
Product Development / Enhancement		
Internal Development	Develop systems completely in-house	

b3
b7E



Current [redacted] Enhancements

Goals and Objectives

Near Term:

[redacted]

[redacted]

Long Term

[redacted]

[redacted]

Current

[redacted]

(2008)

•Enhanced

[redacted]

b3
b7E

•Enhanced

•Enhanced

•Enhanced

[redacted]



~~Enhancements~~

Goals and Objectives

[Redacted]

Current Enhancements (Near Term)

b3
b7E

- Enhance [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]



Focus Areas - [redacted] applies research and development and liaison efforts to meet, at a minimum, requirements the following mission focus areas.

□ [redacted]

□ Identification [redacted]

□ [redacted]

□ [redacted]

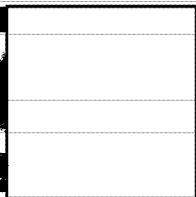
□ [redacted]

b3

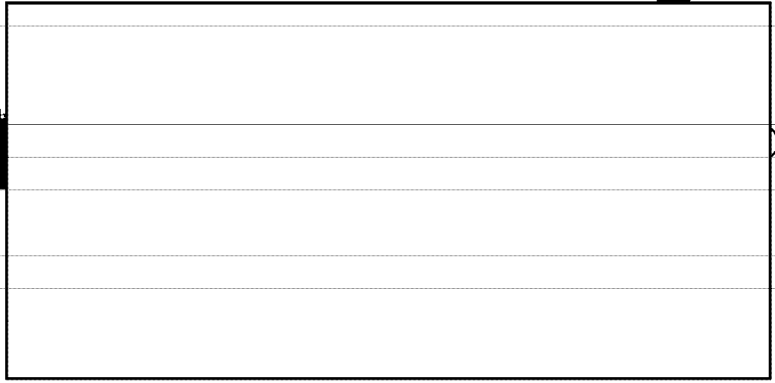
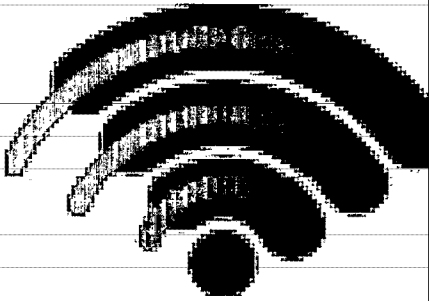
b7E



MISSION GOAL AND OBJECTIVES



b3
b7E



b7E

CELL/OTD 019412

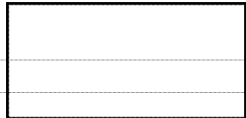
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CLASSIFIED BY 65179/dmh/stp/as
REASON: 1.4 (c,d)
DECLASSIFY ON: 12-07-2037



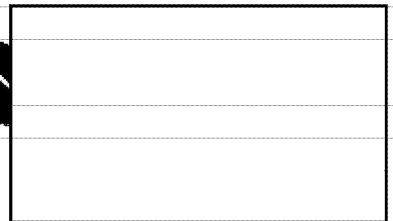
Federal Bureau of Investigation

ALL INFORMATION CONTAINED
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WHERE SHOWN OTHERWISE



Program Briefing

b7E



CELL/OTD 019369

~~SECRET~~

Overview and Program Milestones

- Program Mission

- [redacted] Team Members

- [redacted]
- [redacted]

- Historical Perspective

- Training

- [redacted]
- [redacted]
- [redacted]

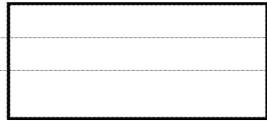
b3
b7E

- Future Focus

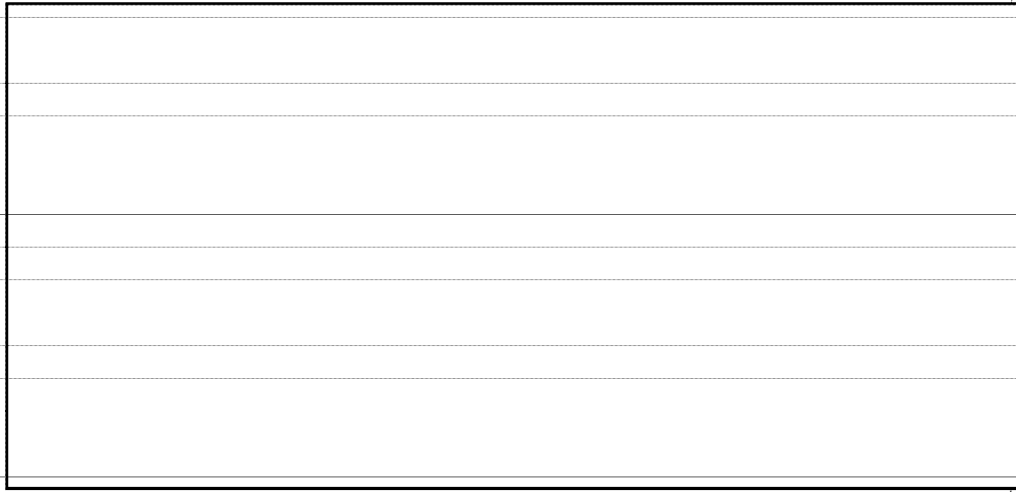
- Appendices

[redacted]

CELL/OTD 019370

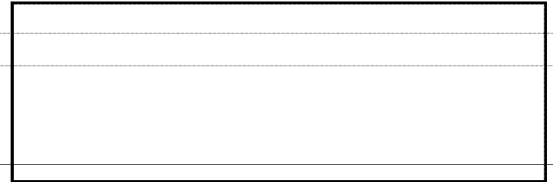


Mission



b3
b7E

CELL/OTD 019371



Training Provided

- [Redacted]

b3
b7E

- Additionally, [Redacted] equipment deployed to [Redacted] and [Redacted] and training provided

- Ten courses include:

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

- [Redacted]

- [Redacted]

- [Redacted]

- [Redacted]

b3
b7E

CELL/OTD 019374

Preparation for Court Testimony

b3
b7E

CELL/OTD 019380



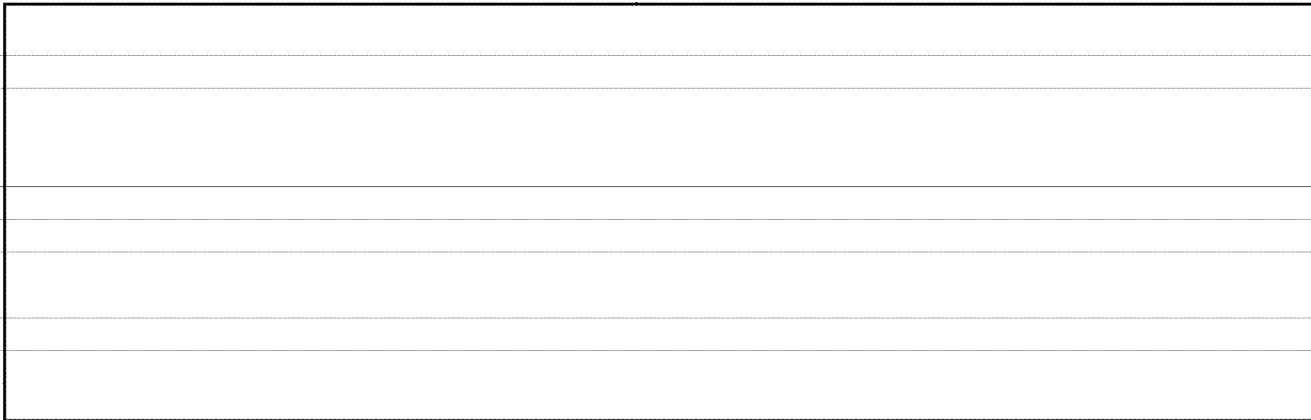
Preparation for Court Testimony

b3
b7E

CELL/OTD 019381

Locating a Subject

- Builds upon historical analysis when available

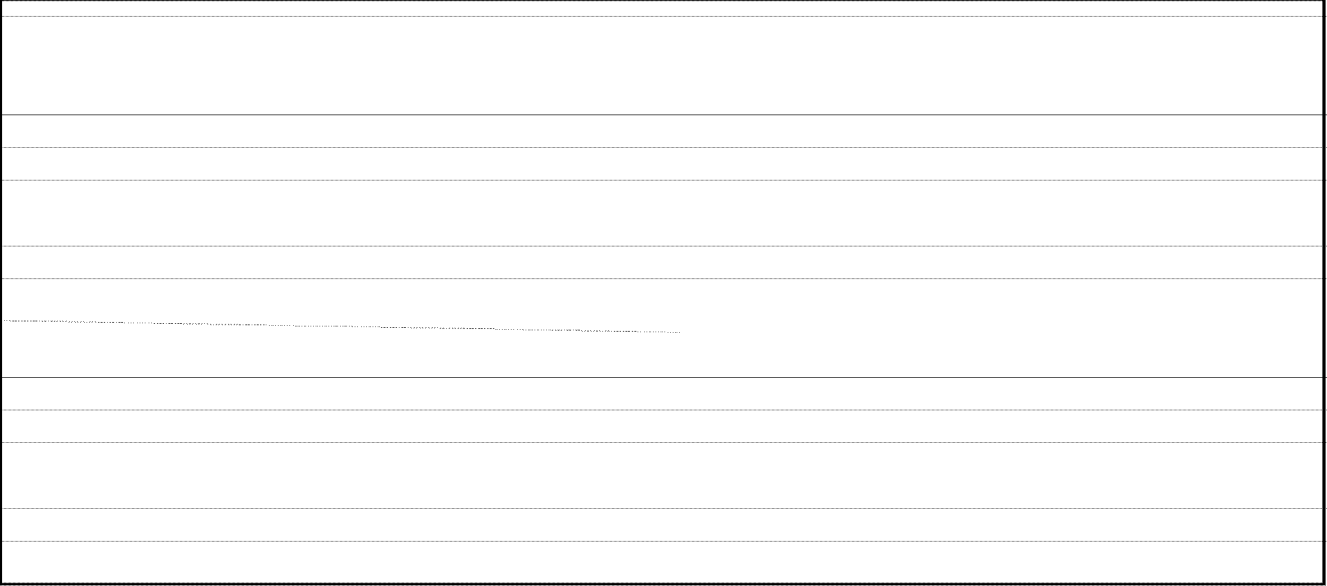


b3
b7E

- Requires legal authority, varies by mission specifics

CELL/OTD 019382

Target Identification

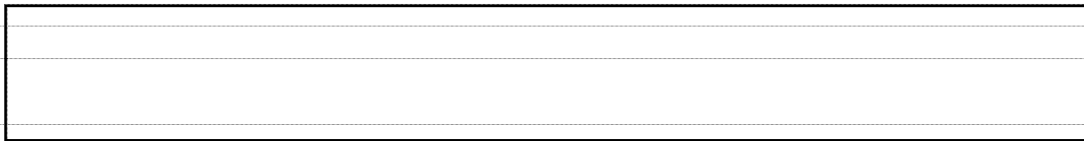


(S)

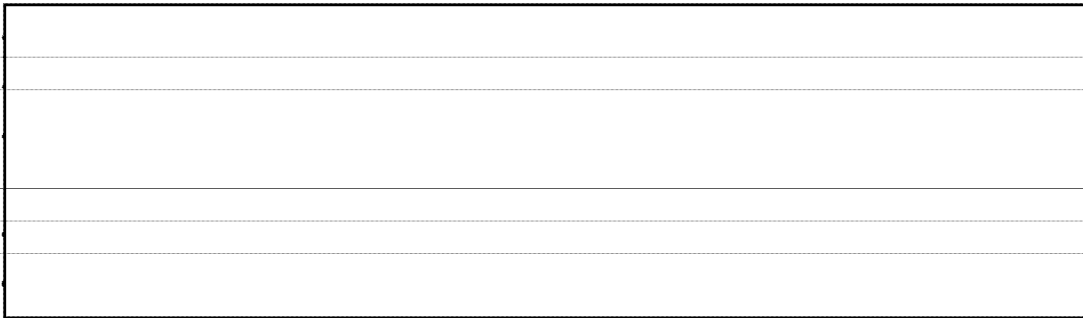
b1
b3
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CELL/OTD 019384

Future Focus

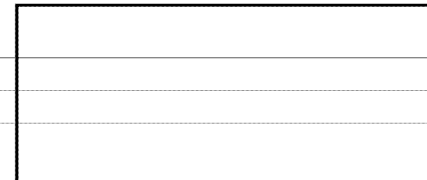


into FY 2011 and beyond, our efforts are being focused in the following directions:

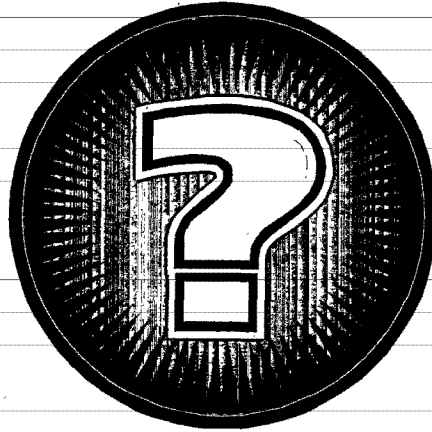


b3
b7E

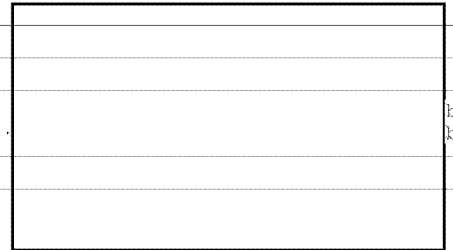
CELL/OTD 019386



Questions or Comments

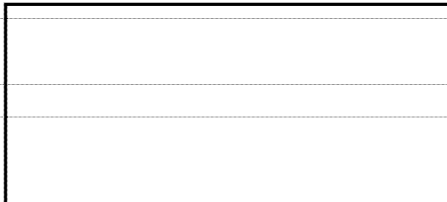
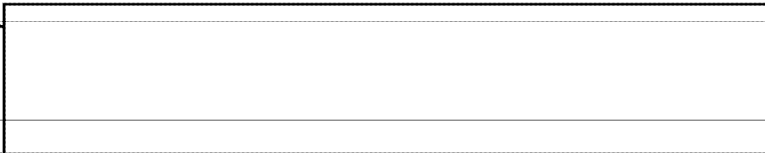


CELL/OTD 019387

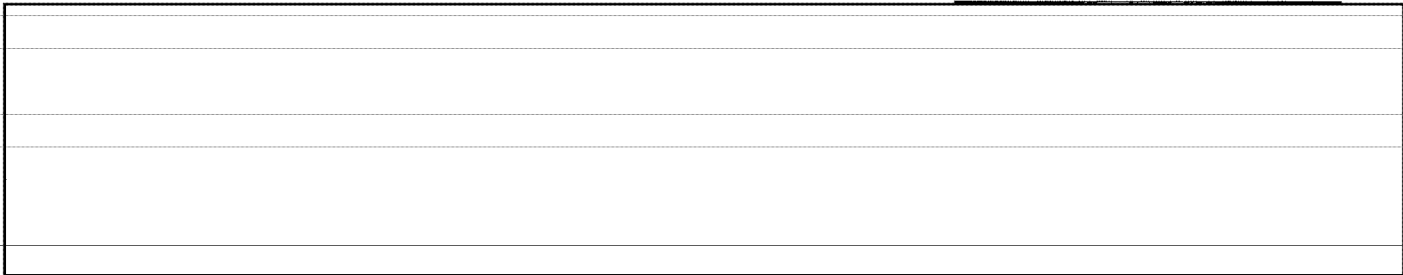


b3
b7E

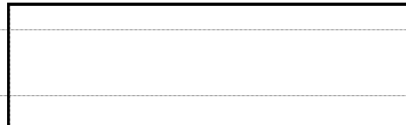
Appendix A:



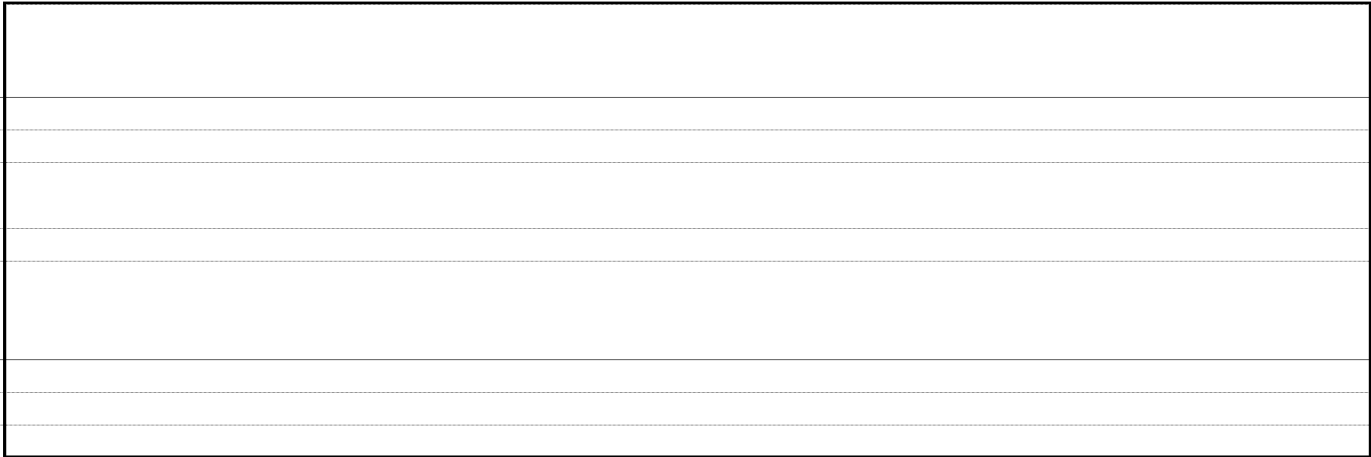
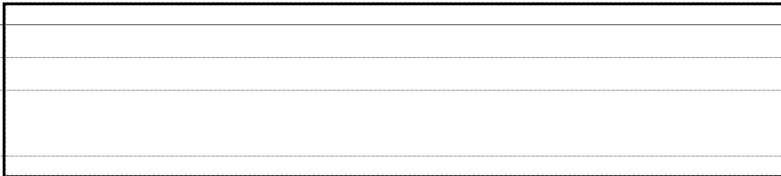
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CELL/OTD 019388

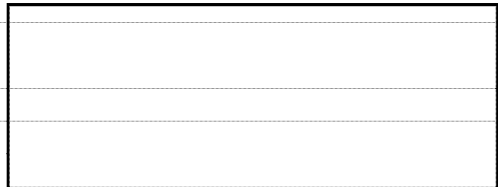


Appendix B:



.b3
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CELL/OTD 019389



Appendix C:

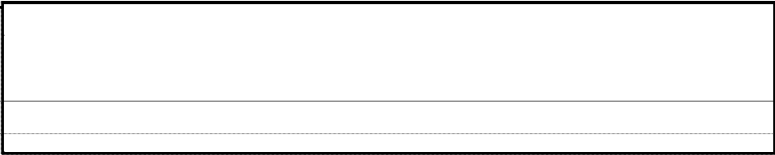
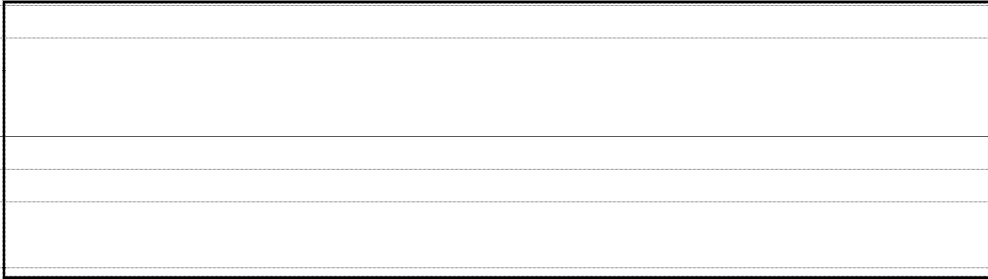
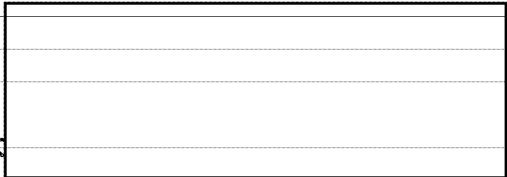


Photo
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Appendix D:

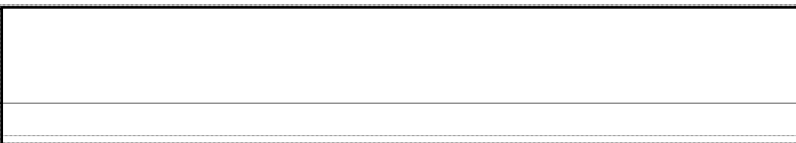
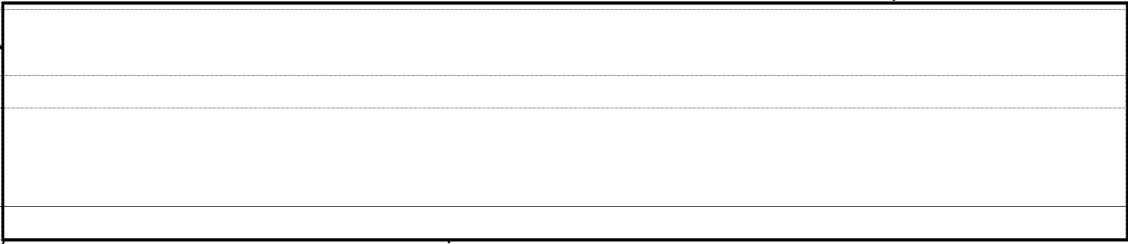
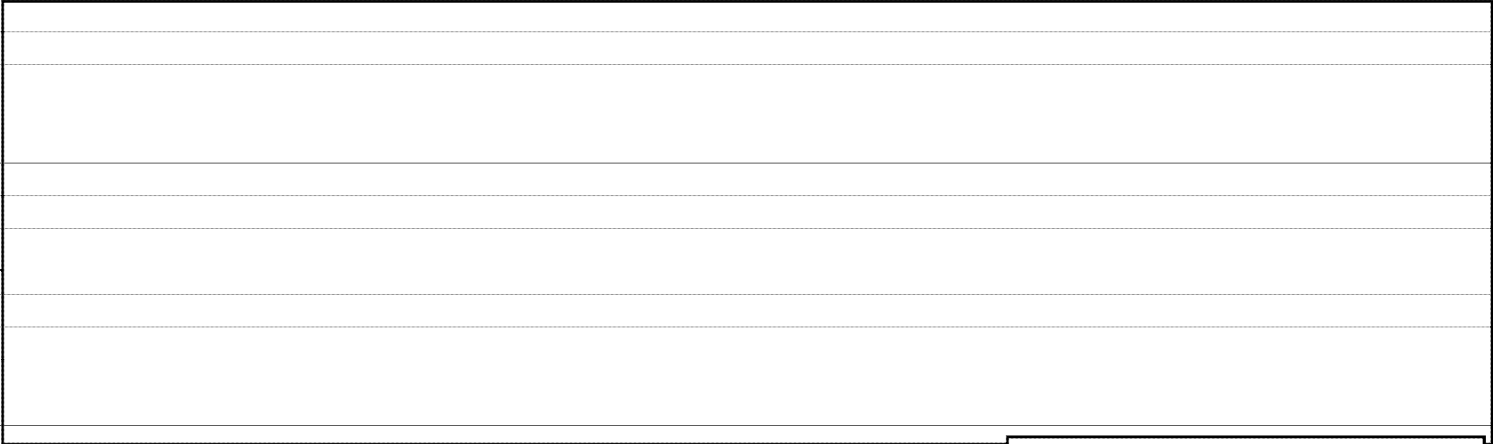


Photo
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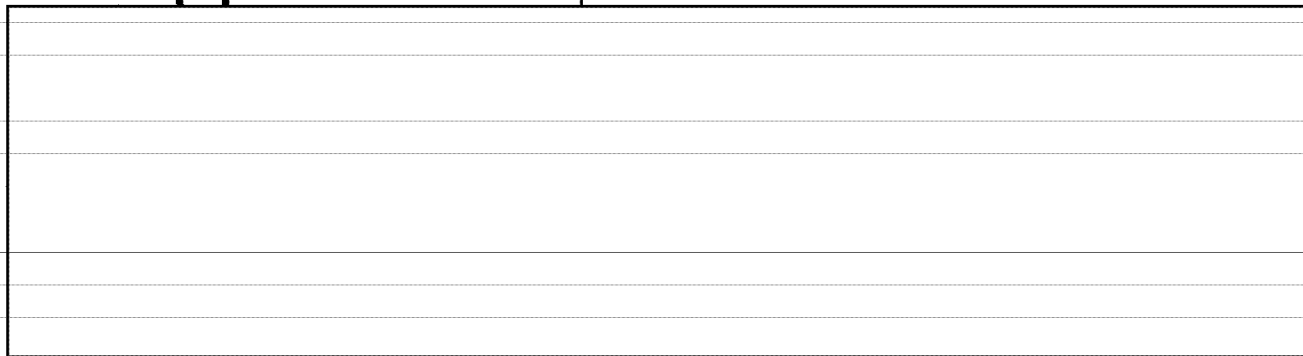
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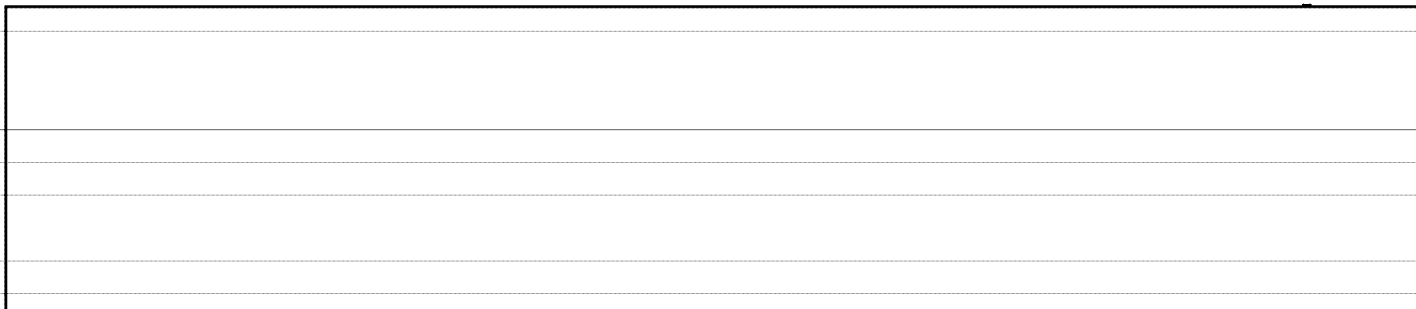
ELL/OTD 019391



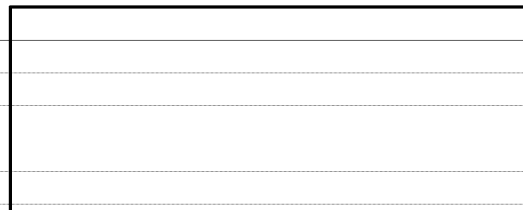
Appendix E:



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CELL/OTD 019392



Appendix F:

[Redacted]

[Redacted]

[Redacted]

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[Redacted]

[Redacted]

CELL/OTD OT9393

[Redacted]

Appendix G:

[Redacted]

- Who Gets Trained?

- [Redacted]

- Duties include responsibility for [Redacted]

[Redacted]

- [Redacted]

- Duties include responsibility for cases involving:

[Redacted]

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b7E

- In-house Training

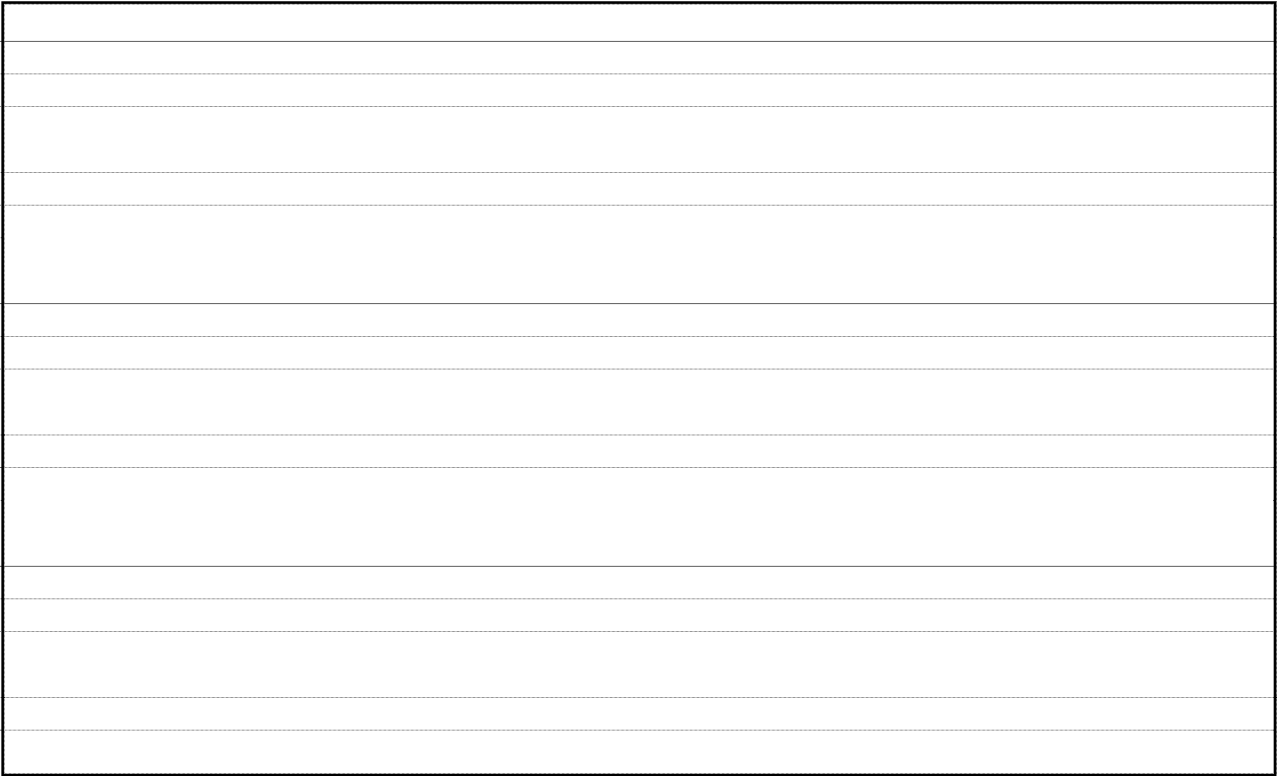
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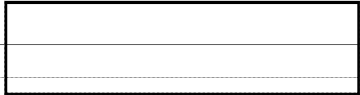
CELL/OTD 019394

Appendix H:



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CELL/OTD 019395



Appendix I:

[Redacted]

[Redacted]

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b7E

[Redacted]

[Redacted]

CELL/OTD 019396

Appendix J: Court Order Required

Call Related Network Information

- Pen Register Order Required with 2703d provision [redacted]

- Specifies request [redacted]

[redacted]

-

[redacted]

-

[redacted]

[redacted]

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CELL/OTD 019397

[redacted]

Appendix K:

[Redacted]

[Redacted]

- [Redacted]
- [Redacted]
- [Redacted]

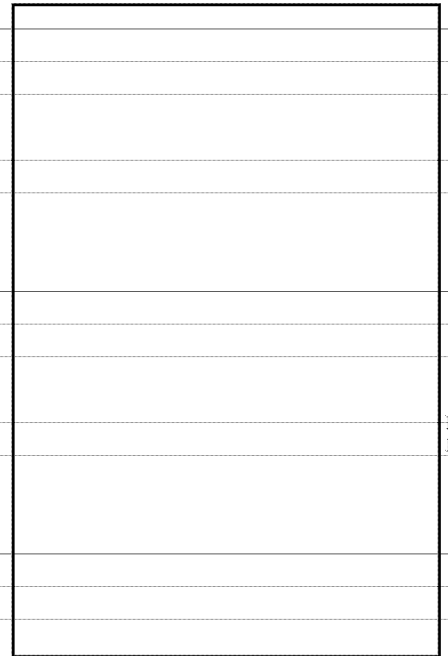
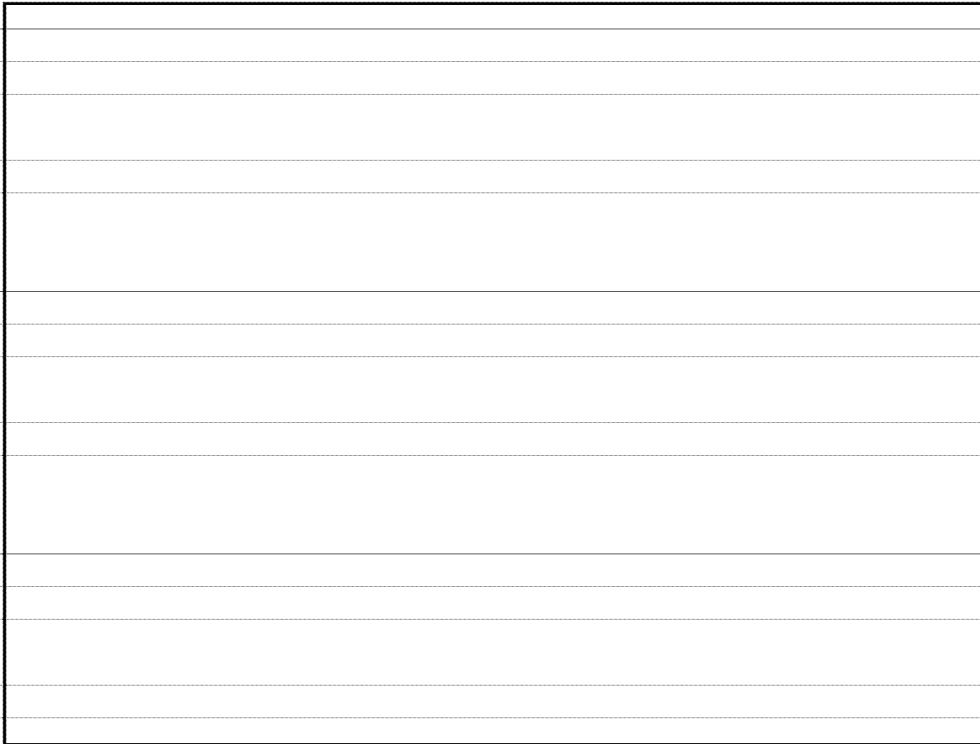
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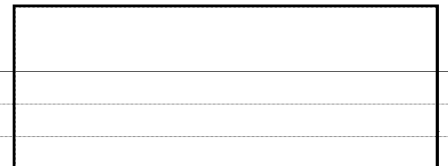
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CELL/OTD 019398

Appendix L: Program Milestones



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CELL/OTD 019399