Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Defense Information Systems Agency

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 0303610K: Teleport Program

DATE: April 2013

BA 7: Operational Systems Development

APPROPRIATION/BUDGET ACTIVITY

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	24.504	5.418	6.050	5.147	-	5.147	5.715	5.636	5.535	5.621	Continuing	Continuing
NS01: Teleport Program	24.504	5.418	6.050	5.147	-	5.147	5.715	5.636	5.535	5.621	Continuing	Continuing

<sup>&</sup>lt;sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

Department of Defense (DoD) Teleport system is a satellite communications (SATCOM) gateway that links the deployed warfighter to the Global Information Grid. The Teleport program has fielded system capabilities incrementally using a multi-generational approach with Generation 1 and 2 Full Deployment authorized by DoD Chief Information Officer on February 18, 2011. Teleport Generation 3 consists of three phases; Phases 1 and 2 are in Production and Deployment while the Phase 3 is in Engineering and Manufacturing Development. Each Teleport investment increases the warfighter's ability to communicate with a world-wide, net-centric set of information capabilities, which is vital for the DoD to maintain a persistent presence among its adversaries.

Currently, the Teleport system operates as an upgrade of satellite communication capabilities at selected DoD satellite communications gateways. This system provides deployed warfighters with seamless worldwide multi-band SATCOM connectivity to the Defense Information System Network (DISN) Service Delivery Nodes and legacy tactical command, control, communications, computers, and intelligence systems. It also provides centralized integration capabilities, contingency capacity, and common interfaces to access the DISN.

Teleport's goal is to provide secure, seamless, interoperable, and economical upgrades to DoD SATCOM Gateways and meet the growing throughput requirements of the deployed warfighter.

The primary beneficiaries of the Teleport investment are the DoD Combatant Commanders, Military Departments, Defense Agencies, and the warfighter. Teleport Generation 3 is designed to meet the growing demands of the warfighter through the execution of the following phases:

Phase 1: Gateway Advanced Extremely High Frequency [Extended Data Rate] terminals provides tactical users with a 350% bandwidth increase in survivable, antijam communications through all peacetime and combat operations by installing Navy Multiband Terminals (NMT) at select Teleport sites. In addition to enhanced throughput, the NMT maintains compatibility with legacy waveforms and current tactical terminals.

Phase 2: Gateway Wideband Global SATCOM X/Ka-band terminals provides enhanced Wideband Global System (WGS) X/Ka capability to warfighters worldwide by installing terminals from the Modernization of Enterprise Terminal (MET) program at Teleport and other gateway sites. This gateway enhancement allows Teleport to replace end-of-life Defense Satellite Communications System (DSCS) terminals while remaining interoperable with tactical WGS X/Ka-band users. The MET enhancement provides a 300% Ka-band capacity increase and an 1100% X-band capacity increase to current enterprise terminal X/Ka capabilities. Additionally, it

PE 0303610K: *Teleport Program*Defense Information Systems Agency

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Defense Information Systems Agency

APPROPRIATION/BUDGET ACTIVITY

**R-1 ITEM NOMENCLATURE** 

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 7: Operational Systems Development

PE 0303610K: Teleport Program

enables the Teleport system to maintain operational availability consistent with Generation 2 requirements and reduce the overall life-cycle cost of X/Ka capabilities across the DoD.

Phase 3: Mobile User Objective System (MUOS) to Legacy UHF systems interoperability will provide interoperability between MUOS users and legacy UHF users by installing MUOS-to-Legacy UHF SATCOM Gateway Component (MLGC) suites of equipment at Teleport sites. MUOS is the next generation DoD UHF SATCOM system that will provide the warfighter with modern worldwide mobile communication services, utilizing the Wideband Code Division Multiple Access waveform for use in the military UHF SATCOM band. MLGC suites will provide critical continuity and interoperability as DoD tactical satellite users transition from legacy waveforms and radios to the Joint Tactical Radio System.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	6.418	6.050	5.610	-	5.610
Current President's Budget	5.418	6.050	5.147	-	5.147
Total Adjustments	-1.000	0.000	-0.463	-	-0.463
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-	-			
Other Adjustments	-1.000	-	-0.463	-	-0.463

# **Change Summary Explanation**

The decrease of -\$1.000 in FY 2012 supported Agency requirements for Integrated Satellite Communications Operations and Management.

The decrease of -\$0.463 is due to efficiencies achieved in contract support service, and reduced planning, engineering and testing required for Generation-1/2 Technology Refresh.

PE 0303610K: Teleport Program **Defense Information Systems Agency**  UNCLASSIFIED Page 2 of 13

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DATE: April 2013

Exhibit R-2A, RDT&E Project Ju	ustification:	PB 2014 E	Defense Info	rmation Sy	stems Ager	тсу				DATE: Apr	il 2013	
APPROPRIATION/BUDGET ACT	ΓΙVΙΤΥ				R-1 ITEM	NOMENCL	ATURE		<b>PROJECT</b>	,		
0400: Research, Development, To		ntion, Defen	se-Wide		PE 03036	10K: <i>Telepo</i>	rt Program		NS01: Tele	port Progra	nm	
BA 7: Operational Systems Deve	lopment											
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
NS01: Teleport Program	24.504	5.418		5.147		5.147					•	Continuing
Quantity of RDT&E Articles		2	3.000	2				3.000	3.000	0.02.		

<sup>&</sup>lt;sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

The Teleport program will implement an integrated test approach that will combine the objectives from multiple testing disciplines (e.g., developmental test, operational test, interoperability, and information assurance) throughout the testing lifecycle to support needed system evaluations. The Teleport program executes its own test events to achieve this integrated approach, but will partner with each phase's respective program office generated test activities to leverage the data needed to satisfy Teleport program test objectives. An FY 2014 approach summary for each phase follows:

Phase 1: FY 2014 funding will be used to complete a system field trial, conduct a developmental regression test, conduct terminal interoperability testing, and will culminate with the Phase 1 Operational Test and Evaluation (OT&E) event in the second quarter FY 2014.

Phase 2: FY 2014 funding will be used to complete terminal interoperability testing and conduct the Phase 2 OT&E evolution in the first quarter FY 2014.

Phase 3: FY 2014 funding will be used to conduct developmental testing on the first gateway component installation, conduct developmental regression testing, and culminate with an OT&E of the Teleport Phase 3 integration in third quarter FY 2014.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Title: Teleport Program	5.418	6.050	5.147
FY 2012 Accomplishments:  Technology Refresh and Generation 3: Continued a technology refresh schedule and testing activities required to sustain Generation-1/2 fielded capabilities and the refined Management and Control System. Refreshed IP modem capability with iDirect 2.x and Linkway S2 hubs to meet changing warfighter requirements. Conducted final tests for Mobile User Objective System (MUOS) Defense Information System Network (DISN) for initial operational capability at two Teleport sites. Achieved a favorable Generation 3 Phase 2 Milestone C decision for enhanced X/Ka capability. MUOS-Legacy Gateway Component (MLGC): Initiated vendor restart in product development and completed Delta PDR, Proof of Concept, and Feasibility Assessment. MUOS Voice Gateway (MVG),formerly MUOS to DSN): Initiated system design and development, conducted a System Requirement Review, a			

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Defense Information	tion Systems Agency		DATE: /	April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0303610K: Teleport Program	PROJE NS01:	ECT Teleport Pro	gram	
3. Accomplishments/Planned Programs (\$ in Millions)			FY 2012	FY 2013	FY 2014
Preliminary Design Review and a Critical Design Review. MOUS Generically and Critical Design Review. MOUS Generical Design Review. MOUS Gener	warded a development, production, and fielding	g contract.			
Technology Refresh and Generation 3: Continue a technology refreshmen Gens-1/2 fielded capabilities. Generation 3 funding supports pre-Mileston and the Milestone C decision to include schedule updates, a Critical Despital Distribution of the Milestone C decision to include schedule updates, a Critical Despital Continue efforts to develop initial research, development, test, and Both MUOS to DISN gateways will be operational by the end of FY 2013 field MUOS to DSN gateway. Funds enable installation of first MUOS to evaluation process. GDS: Continue efforts to develop, test, and field the simplified configuration for MUOS users. Funds enable installation of first process.	one C documentation development for Gen 3 Placing Review, and a life cycle cost estimate. Much devaluation of the MUOS to UHF bridgehead of MUOS to DSN: Continue efforts to develop, to DSN gateways and prepare for operational test MUOS GDS, enabling bandwidth optimization	nase 3 DS to apability. est, and t and and a			
The increase of \$0.632 from FY 2012 to FY 2013 supports preparing for	Generation 3 Phase 3 Milestone C				
FY 2014 Plans: Technology Refresh and Generation 3: Will continue a technology refrest Generations-1/2 fielded capabilities by implementing Joint Internet Protocapabilities at select Teleport sites. Generation 3 funding will support protocapabilities at select Teleport sites. Generation 3 funding will support protocapabilities at select Teleport sites. Generation 3 funding will support protocapabilities at select Teleport sites. Generation 3 funding will support protocapabilities at select Teleport sectional validation for both Phase 1 and Phase 2 to enter their respective Full Deployment Decision (FDD) digital IF capability to provide flexibility and resiliency to the Teleport/Gat second generation development efforts. MUOS Voice Gateway (MVG) (operational test and evaluation. MUOS GDS: Funds will be used for KDF certification regimen.	col Modem (JIPM), iDirect 2.X, and MUOS to E eparation for the Operational Test Readiness F and Phase 2. These events are required for P in FY 2015. Will continue developmental testing teway systems. In addition, funding will support formerly MUOS to DSN) will obtain KDP B and	ISN leview hase og of JIPM conduct			
The decrease of -\$0.903 from FY 2013 to FY 2014 is due to reduced pla Generations 1 and 2 technology refresh and Generation 3 Phase 3 enter		oort			
	Accomplishments/Planned Programs	Subtotalo	5.418	6.050	5.14

**Exhibit R-2A**, **RDT&E Project Justification**: PB 2014 Defense Information Systems Agency **DATE**: April 2013

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

0400: Research, Development, Test & Evaluation, Defense-Wide PE 0303610K: Teleport Program NS01: Teleport Program

BA 7: Operational Systems Development

# C. Other Program Funding Summary (\$ in Millions)

	_		•	FY 2014	FY 2014	FY 2014					<b>Cost To</b>	
Line Item	<u>1</u>	FY 2012	FY 2013	Base	000	<u>Total</u>	FY 2015	FY 2016	FY 2017	FY 2018	Complete	<b>Total Cost</b>
• O&M, DW/PE03036	10K: <i>O&amp;M</i> ,	27.146	25.076	28.370		28.370	19.476	18.571	18.513	18.269	Continuing	Continuing
DW												
• Procurement, DW/P	E0303610K:	58.060	52.251	68.075		68.075	53.466	33.560	29.277	23.130	Continuing	Continuing
Procurement, DW												

#### Remarks

# D. Acquisition Strategy

The Teleport Program Office (TPO) uses the DoD preferred evolutionary acquisition approach to acquire Commercial off the Shelf (COTS) and modified COTS equipment when possible. The three TPO procuring agencies, Program Manager Defense Communications and Army Transmission Systems, the Space and Naval Warfare Systems Command, and Defense Information Technology Contracting Organization (DITCO) provide direct contracting support. Assistance from other Departments including Army, Navy, and Air Force is acquired via Military Interdepartmental Purchase Request for both organic and contracted support. The TPO maximizes the use of performance-based contracts and requires contractors to establish and manage specific earned value data to mitigate risk and monitor deviations from cost, schedule, and performance objectives. Performance is evaluated thorough post-award contract reviews, performance assessment during quarterly program reviews. The MLGC program will use various contract types to employ the vendor best suited to deliver the program's capabilities to the warfighter.

#### **E. Performance Metrics**

Tech Refresh and Generation 3 Cost and Schedule Performance Metrics:

Teleport manages and tracks its cost and schedule performance parameters using a tailored Earned Value Management System (EVMS) process, integrating the program plan, the program schedule, Work Breakdown Structure (WBS), and financial data. Progress is monitored/documented monthly showing percentages complete for schedule and cost. Formal updates with changes to the schedule are documented against the program baseline.

Tech Refresh and Generation 3 Program Metrics:

Performance metrics have been established in four measurement areas: 1) customer results, 2) mission and business results, 3) processes and activities, and 4) technology. Specific measurement indicators and units of measure vary by measurement area, and metrics in each of the aforementioned areas are measured annually. Teleport will use the same measurement areas for performance metrics in FY 2013 and FY 2014:

Generation 1/2 Metric FY12 FY13 FY14

**PlanRequired** 

Number of completed program 4/4 1/1 3/3

events to develop, test, implement, and field and

Exhibit R-2A, RDT&E Project Jus	tificatio	n: PB 20	114 Defense Informat	tion Systems Agency		DATE: April 2013
APPROPRIATION/BUDGET ACTI	VITY			R-1 ITEM NOMENCLATURE	PROJECT	<b>T</b>
0400: Research, Development, Tes	st & Evalu	uation, D	efense-Wide	PE 0303610K: Teleport Program	NS01: Tel	eport Program
BA 7: Operational Systems Develop	pment					
transfer MLGC to TPO					,	
Number of completed program events to develop, test, implement, and field and transfer MVG to TPO	3/3	1/1	2/2			
Number of completed program events to develop, test, implement, and field and transfer MGDS to TPO	1/1	4/4	1/1			
Number of G3P2 Operational Test Events	-	-	1/1			
Number of G3P1 Operational Test Events	-	-	1/1			
Percentage of system changes resulting in interoperability certification	100%	100%	100%			
*Performance Metrics were realig	ned to is	olate ea	ch Appropriation.			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency

R-1 ITEM NOMENCLATURE

PE 0303610K: Teleport Program

PROJECT

NS01: Teleport Program

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 7: Operational Systems Development

FY 2014 FY 2014 FY 2014 **Product Development (\$ in Millions)** FY 2012 FY 2013 oco Base Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Cost Category Item** & Type **Activity & Location** Years Complete Contract Cost Date Cost Date Cost Date Cost Date Cost Cost Engineering Technical & IΑ SSC Atlantic: Various 0.000 0.140 Feb 2012 0.140 Feb 2013 0.010 Feb 2014 0.010 0.150 0.440 Continuing Design Services (GDS) Engineering Technical & Various Various:Various 0.400 May 2012 0.240 May 2013 0.010 May 2014 0.010 0.250 0.900 Continuina Design Services STF C/CPFF Ltd.:Fredericksburg, **Engineering Services** 0.297 0.000 0.297 Continuing SPAWAR **Engineering Services** IΑ Atlantic:Charleston, 0.075 0.000 0.075 Continuing SC Subtotal 0.372 0.540 0.380 0.020 0.000 0.020 0.400 1.712

Support (\$ in Millions	s)			FY 2	2012	FY 2	2013		2014 ise		2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Office Support	C/FFP	BAH:McLean, VA	13.210	1.847	Feb 2012	-		0.600	Feb 2014	-		0.600	0.600	16.257	Continuing
Program Office Support	SS/CPFF	SAIC:Falls Church, VA	0.166	-		-		-		-		-	0.000	0.166	0.166
Program Office Support	C/CPAF	STF:Fredericksburg, VA	0.157	-		-		-		-		-	0.000	0.157	0.157
Program Office Support	IA	SPAWAR:Charleston, SC	1.221	-		-		-		-		-	0.000	1.221	1.221
Contractor Program Office Support	MIPR	SSC Atlantic, STF:Charleston, SC	0.582	0.470	Oct 2011	0.100	Oct 2012	0.050	Oct 2013	-		0.050	0.150	1.352	Continuing
Program Office Support	IA	CERDEC:Various	-	0.071	Jan 2012	0.003	Jan 2013	-		-		-	0.003	0.077	Continuing
Engineering Technical & Design Services	IA	PM DCATS:Ft. Belvoir, VA	0.352	-		0.294	Feb 2013	-		-		-	0.294	0.940	Continuing
Systems Engineering Program Management Support (G3P2/3)	TBD	TBD:TBD	0.000	0.000		1.751	Sep 2013	-		-		-	1.751	3.502	Continuing

PE 0303610K: *Teleport Program*Defense Information Systems Agency

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Defense Information Systems Agency

R-1 ITEM NOMENCLATURE

**DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 0303610K: Teleport Program

NS01: Teleport Program

BA 7: Operational Systems Development

Support (\$ in Millions	s)			FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise		2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
Engineering Technical Support (Tech Refresh)	IA	SPAWAR:Charleston, SC	-	0.740	Aug 2012	0.380	Aug 2013	-		-		-	0.380	1.500	Continuing
Engineering Technical Support (Tech Refresh) 2	IA	PM DCATS:Ft. Belvoir, VA	0.365	1.067	Sep 2012	0.751	Sep 2013	-		-		-	0.751	2.934	Continuing
Program Office Support	IA	SSC Atlantic:Charleston, SC	0.000	-		0.090	Jan 2013	-		-		-	Continuing	Continuing	
Program Office Support	Various	Various:Various	0.000	-		1.342	Jan 2013	-		-		-	1.342	2.684	Continuing
Program Office Support	TBD	TBD:TBD	0.000	-		-		1.578	Jan 2014	-		1.578	1.578	3.156	Continuing
Systems Engineering Program Management Support	TBD	TBD:TBD	-	-		0.300	Jan 2013	-		-		-	Continuing	Continuing	Continuing
Systems Engineering Program Management Support	TBD	DITCO Scott:TBD	-	-		-		-		-		-	Continuing	Continuing	Continuing
Engineering Technical Support (Tech Ref) 3	TBD	DITCO Scott:TBD	-	-		-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	16.053	4.195		5.011		2.228		0.000		2.228			

Test and Evaluation	(\$ in Milli	ons)		FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2	2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Testing Support Services (Gen 3)	MIPR	JITC:Ft. Huachuca	8.079	0.519	Dec 2011	0.659	Dec 2012	2.699	Dec 2012	-		2.699	3.358	15.314	Continuing
Testing Support Services (Tech Refesh)	MIPR	JITC:Ft. Huachuca	-	0.164	Jan 2012	-		0.200	Jan 2014	-		0.200	0.200	0.564	Continuing
		Subtotal	8.079	0.683		0.659		2.899		0.000		2.899	3.558	15.878	

PE 0303610K: *Teleport Program*Defense Information Systems Agency

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2	2014 Defe	nse Information	Systems Agency				DATE	:: April 201	13	
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, BA 7: Operational Systems Development	Defense-I	Wide	<b>R-1 ITEM NOM</b> PE 0303610K:	IENCLATURE Teleport Program		PROJI NS01:	ECT Teleport P	rogram		
	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	24 504	5 418	6 050	5 147	0.000		5 147			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Defense Information Systems Agency

APPROPRIATION/BUDGET ACTIVITY

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0303610K: Teleport Program

**PROJECT** 

NS01: Teleport Program

DATE: April 2013

		FΥ	2012	2		FY	2013	3		FY 2	014			FY 2	2015			FY 2	2016	3		FY	201	7		FY	2018	8
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Teleport Program																												
Technology Refresh - Generation Three																												
Generation Three - Phase 2 Milestone C WGS X/Ka																												
Generation Three - Phase 3 Milestone C MUOS - Legacy																												
Generation Three - Phase 3 FDD MUOS - Legacy																												
MUOS to Legacy Gateway Component																												
CDR																												
Phase 1 Testing – Vendor Site																												
Phase 2 Testing – First Article Testing																												
Phase 3 Operational Assessment – Northwest																												
Ms C Decision																												
MUOS to Defense Switched Network																												
SRR																												
PDR																												
CDR																												
Factory Testing																												
KDP B																												
Installation																												
T&E (DT/OT)																												
KDP C																												
IOC																												

Generic Discovery Server         SRR           SRR         Image: Company of the company	1 2 3 4 1 1 2 3 4 1 2 3 4 1 1	Research, Development, Test & Evalua Operational Systems Development	tion, Defe	nse-	·Wide				P	PE 0	303	610ŀ	<: <i>Τ</i> ϵ	elepo	ort F	Prog	ıram				N	IS0 <sup>2</sup>	1: <i>T</i>	elep	oort	Pro	gran	1			
SRR PDR COR Factory Testing KDP B Installation T&E (DT/OT) KDP C	SRR PDR COR Factory Testing KDP B Installation T&E (DT/OT) KDP C						_				_																		_		_
SRR PDR CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C	SRR PDR CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C	eneric Discovery Server	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	;	3	4	1	2	3	4	1	2	3	4
PDR CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C	PDR CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C																														
CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C	CDR Factory Testing KDP B Installation T&E (DT/OT) KDP C																														_
Factory Testing  KDP B  Installation  T&E (DT/OT)  KDP C	Factory Testing  KDP B  Installation  T&E (DT/OT)  KDP C						_																								
KDP B Installation	KDP B Installation																														
T&E (DT/OT)  KDP C	T&E (DT/OT) KDP C	<del>_</del>									Ħ																				
KDP C	KDP C	nstallation																													
		T&E (DT/OT)																													
		KDP C																													
		OC																													

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency

R-1 ITEM NOMENCLATURE

PROJECT

0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development

PE 0303610K: Teleport Program

NS01: Teleport Program

DATE: April 2013

, , ,

APPROPRIATION/BUDGET ACTIVITY

## Schedule Details

	Sta	End			
Events by Sub Project	Quarter	Year	Quarter	Year	
Teleport Program					
Technology Refresh - Generation Three	2	2012	2	2014	
Generation Three - Phase 2 Milestone C WGS X/Ka	2	2012	3	2012	
Generation Three - Phase 3 Milestone C MUOS - Legacy	2	2013	4	2013	
Generation Three - Phase 3 FDD MUOS - Legacy	4	2014	2	2015	
MUOS to Legacy Gateway Component					
CDR	2	2013	2	2013	
Phase 1 Testing – Vendor Site	4	2013	4	2013	
Phase 2 Testing – First Article Testing	2	2014	2	2014	
Phase 3 Operational Assessment – Northwest	3	2014	4	2014	
Ms C Decision	4	2014	4	2014	
MUOS to Defense Switched Network			,		
SRR	3	2012	3	2012	
PDR	3	2012	3	2012	
CDR	2	2013	2	2013	
Factory Testing	3	2012	1	2013	
KDP B	3	2014	3	2014	
Installation	3	2014	3	2014	
T&E (DT/OT)	3	2014	4	2014	
KDP C	4	2014	4	2014	
IOC	3	2014	4	2014	
Generic Discovery Server					

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Defense Information Systems Agency

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0303610K: Teleport Program

**PROJECT** 

NS01: Teleport Program

DATE: April 2013

	Sta	Er	nd	
Events by Sub Project	Quarter	Year	Quarter	Year
SRR	1	2013	1	2013
PDR	2	2013	2	2013
CDR	3	2013	3	2013
Factory Testing	4	2013	1	2014
KDP B	1	2014	1	2014
Installation	1	2014	1	2014
T&E (DT/OT)	1	2014	3	2014
KDP C	2	2014	3	2014
IOC	2	2014	4	2014