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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Defense Information Systems Agency **Date:** March 2023

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 1203610K / <i>Teleport Program</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	1.270	0.000	-	0.000	0.000	0.000	0.000	-	Continuing	Continuing
NS01: <i>Teleport Generation 1/2</i>	0.000	0.000	1.270	0.000	-	0.000	0.000	0.000	0.000	-	Continuing	Continuing

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 Department of Defense Information Network (DODIN). Currently, the Teleport system operates as an upgrade of SATCOM capabilities at selected DoD SATCOM 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.

DoD 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 DoD Teleport investment are the DoD Combatant Commanders, Military Departments, Defense Agencies, and the warfighter.

Teleport is currently planning test events for MUOS Voice Gateway (MVG) and the Mobile User Objective System (MUOS) to Legacy Ultra High Frequency (UHF) Gateway Component (MLGC). The U.S. Space Force MUOS program is the Defense Department's next-generation narrowband military satellite communications system that supports worldwide, multiservice population of UHF band users, providing increased communications capabilities to smaller terminals while maintaining interoperability with legacy terminals. MUOS is designed to support users that require mobility, high data rates and improved operational availability. MUOS will provide greater than 10 times the system capacity of the current UHF constellation. The Teleport Program has developed the MLGC and MVG systems to facilitate interoperability between MOUS users and legacy users. MLGC will provide interoperability between MUOS users and legacy UHF users by installing MUOS-to-Legacy UHF SATCOM Gateway Component (MLGC) suites of equipment at DoD Teleport sites. MUOS will provide the warfighter with modern worldwide mobile communication services, using the Wideband Code Division Multiple Access waveform for use in the military UHF SATCOM band. MLGC suites will also help DoD tactical satellite users transition from legacy waveforms and radios to the Joint Tactical Radio System.

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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	0.000	1.270	0.000	-	0.000
Current President's Budget	0.000	1.270	0.000	-	0.000
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment	-	-	0.000	-	0.000

Change Summary Explanation

The decrease of -\$1.270 in FY 2024 is due to the end of requirements for Joint Interoperability Test Command (JITC) test support for Mobile User Objective System (MUOS) Ultra High Frequency (UHF) MUOS-to-Legacy UHF Satellite Communications (SATCOM) Gateway Component (MLGC)/MUOS Voice Gateway (MVG) testing.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Defense Information Systems Agency										Date: March 2023		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1203610K / <i>Teleport Program</i>				Project (Number/Name) NS01 / <i>Teleport Generation 1/2</i>			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
NS01: <i>Teleport Generation 1/2</i>	0.000	0.000	1.270	0.000	-	0.000	0.000	0.000	0.000	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 approach summary for Teleport Gen 1/2 follows:

Generation 1/2 Technology Refresh/Technology Insertion: Funding will be used to maintain the Joint Interoperability Certification of the DoD Teleport System as the system is upgraded and refreshed with new components.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2022	FY 2023	FY 2024
Title: Teleport Program	0.000	1.270	-
Description: Department of Defense (DoD) Teleport system is a satellite communications (SATCOM) gateway that links the deployed warfighter to the Department of Defense Information Network (DODIN). The Teleport program supports the warfighter with a world-wide, net-centric set of communication and information capabilities.			
FY 2023 Plans: Teleport plans to complete testing for MLGC/MVG (MUOS to Legacy Gateway Component/MUOS Voice Gateway) and continue research, development, and testing for tech refresh and tech insertion at the Joint Satellite Engineering Center (JSEC) laboratory.			
FY 2023 to FY 2024 Increase/Decrease Statement: The decrease of -\$1.270 from FY 2023 to FY 2024 is due to the end of requirements for JITC test support for MLGC/MVG (MUOS to Legacy Gateway Component/MUOS Voice Gateway) testing.			
Accomplishments/Planned Programs Subtotals	0.000	1.270	-

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

Line Item	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
• O&M, DW/ PE1203610K: O&M, DW	11.505	5.169	5.328	-	5.328	5.648	5.646	5.758	-	Continuing	Continuing
• Procurement, DW/ PE1203610K: Procurement, DW	31.814	29.679	27.099	-	27.099	27.699	27.699	28.253	-	Continuing	Continuing

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

<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
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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 through 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.

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Defense Information Systems Agency **Date:** March 2023

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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Teleport Program</i>				
Integrated testing that supported Teleport system evaluation and Technology Refresh/ Technology Insertion	2	2019	4	2025