Department of Defense
Fiscal Year (FY) 2022 Budget Estimates

May 2021

Defense Security Cooperation Agency

Defense-Wide Justification Book Volume 5 of 5

Research, Development, Test & Evaluation, Defense-Wide

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Footnotes

FY 2020 Actuals

Includes Division A, Title IX and X of the Consolidated Appropriations Act, 2020 (P.L. 116-93), Division F, Title IV and V from the Further Consolidated Appropriations Act, 2020 (P.L. 116-94) and the Coronavirus Aid, Relief, and Economic Security Act (P.L. 116-136).

FY 2021 Enacted

Includes Division C, Title IX and Division J, Title IV of the Consolidated Appropriations Act, 2021 (P.L. 116-260).

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Department of Defense
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

29 Apr 2021

Appropriation	FY 2020 Total	FY 2021 Total	FY 2022 Total
Research, Development, Test & Eval, DW	14,257	6,294	7,398
Total Research, Development, Test & Evaluation	14,257	6,294	7,398

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of April 29, 2021 at 10:25:31

Department of Defense
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

29 Apr 2021

Summary Recap of Budget Activities	FY 2020 Total	FY 2021 Total	FY 2022 Total
Operational Systems Development	14,257	6,294	7,398
Total Research, Development, Test & Evaluation	14,257	6,294	7,398

Summary Recap of FYDP Programs			
Research and Development	14,257	6,294	7,398
Total Research, Development, Test & Evaluation	14,257	6,294	7,398

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of April 29, 2021 at 10:25:31

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

29 Apr 2021

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Summary Recap of FYDP Programs			
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R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of April 29, 2021 at 10:25:31

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority   29 Apr 2021
(Dollars in Thousands)

Appropriation	FY 2020 Total	FY 2021 Total	FY 2022 Total
Defense Security Cooperative Agency	14,257	6,294	7,398
Total Research, Development, Test & Evaluation	14,257	6,294	7,398

R-122BAS: FY 2022 President's Budget (Total Base Published Version), as of April 29, 2021 at 10:25:31

Defense-Wide
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority   29 Apr 2021
(Dollars in Thousands)

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2020 Total	FY 2021 Total	FY 2022 Total	Sec
197	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,947	1,986		U
198	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	310	316		U
201	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	12,000	3,992	7,398	U
		Operational Systems Development		14,257	6,294	7,398	
		Total Research, Development, Test & Eval, DW		14,257	6,294	7,398	

Defense Security Cooperative Agency
FY 2022 President's Budget
Exhibit R-1 FY 2022 President's Budget
Total Obligational Authority
(Dollars in Thousands)

29 Apr 2021

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2020 Total	FY 2021 Total	FY 2022 Total	Sec
197	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,947	1,986		U
198	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	310	316		U
201	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	12,000	3,992	7,398	U
		Operational Systems Development		14,257	6,294	7,398	
		Total Defense Security Cooperative Agency		14,257	6,294	7,398	

Program Element Table of Contents (by Budget Activity then Line Item Number)

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

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Program Element Table of Contents (Alphabetically by Program Element Title)

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Security Cooperation Agency											**Date:** May 2021	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Collaboration Support (POCS)*						

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	19.742	1.947	1.986	0.000	-	0.000	-	-	-	-	Continuing	Continuing
000204: *Partner Outreach and Collaboration Support*	19.742	1.947	1.986	0.000	-	0.000	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

A. Mission Description and Budget Item Justification

Partner Outreach and Collaboration Support (POCS) is an Office of the Secretary of Defense (OSD) initiative. The goal of the program is to provide a common information technology platform (GlobalNET) to improve international partner outreach and collaboration efforts in a federated environment. A federated environment – characterized by the capacity of Department of Defense (DoD) institutions and Partners to directly share participants and content across proprietary community websites - fostering networks of partner influencers and enabling better use of DoD resources through collaboration among the Regional Centers for Security Studies, Partnership for Peace (PfP) and international partners, and other DoD educational institutions and communities. GlobalNET currently supports over 80,000 users. The program uses spiral methodology to speed the delivery of open source collaboration technologies the user community. The Defense Security Cooperation Agency (DSCA) oversees execution of the research and development of the GlobalNET effort and its operations, and ensures that the program addresses DoD security cooperation requirements in the context of defense, interagency, and international information sharing and collaboration needs.

The GlobalNET effort focuses on improving collaboration, supporting outreach efforts, and enabling communication among the Regional Centers for Security Studies, the Combatant Commanders (COCOMs), the DSCA, Office of the Under Secretary of Defense for Policy (OUSD(P)), North Atlantic Treaty Organization's (NATO) Military Partnerships Directorate (MPD), the PfP Consortium of Defense Academies, PfP Partner countries, and other DoD institutions and communities. It provides DoD and international partner security practitioners an unclassified secure platform to share information, communicate and collaborate globally 24/7, and supports administrative activities. It provides the ability to form collaborative communities of interest around security issues. GlobalNET facilitates information sharing and knowledge management concepts in accordance with U.S. policy. POCS implements the Congressional endorsement for the modernization of Defense capabilities in eligible PfP countries relative to their telecommunications infrastructure, and provides allies and partner countries the ability to team in critical cooperative activities that underpin the spirit of the PfP program. The program supports PfP coalition Initiatives through the development of distributive collaboration tools to assist U.S./NATO-approved PfP cooperative activities. This support is important to achieve the interoperability/integration outlined in the Guidance for the Employment of the Force. POCS additionally supports internet-based education, collaboration, exercise simulations, and training center requirements.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Collaboration Support (POCS)*	

B. Program Change Summary ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**
Previous President's Budget	1.947	1.986	1.977	-	1.977
Current President's Budget	1.947	1.986	0.000	-	0.000
Total Adjustments	0.000	0.000	-1.977	-	-1.977
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-	-	-1.977	-	-1.977

Change Summary Explanation

DSCA will have developed a product that meets the requirements of the user community and are moving into an operations and sustainment capacity.

PE 0605127T: *Partner Outreach and Collaboration Suppo...*
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Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Security Cooperation Agency											Date: May 2021	
Appropriation/Budget Activity 0400 *I* 7				**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Collaboration Support (POCS)*					**Project (Number/Name)** 000204 *I Partner Outreach and Collaboration Support*			
COST ($ in Millions)	**Prior Years**	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**	**Cost To Complete**	**Total Cost**
000204: *Partner Outreach and Collaboration Support*	19.742	1.947	1.986	0.000	-	0.000	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Partner Outreach and Collaboration Support (POCS) provides a common information technology platform (GlobalNET) for the Department of Defense (DoD) to improve international partner outreach and collaboration efforts in a federated environment. (characterized by the capacity of DoD institutions and Partners to directly share participants and content across proprietary community websites). The POCS initiative - fosters networks of partner influencers and enables better use of DoD resources through collaboration among the Regional Centers for Security Studies, Partnership for Peace (PfP) and international partners, and other DoD educational institutions and communities. GlobalNET currently supports over 80,000 users. The program uses spiral methodology to speed the delivery of open source collaboration technologies the user community. The Defense Security Cooperation Agency (DSCA) oversees execution of the research and development of the GlobalNET effort and its operations, and ensures that the program addresses DoD security cooperation requirements in the context of defense, interagency, and international information sharing and collaboration needs.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022**
Title: Partner Outreach and Collaboration Support (POCS) *FY 2021 Plans:* Continue to update the GlobalNET implementation to the newest platform stable release - allowing greater functionality and better security across all members of the platform. Complete transfer to a Government-approved cloud platform, thus improving stability and security. Conduct the research and define the requirements for a gaming and exercise simulation module. *FY 2022 Plans:* There is no funding planned for FY22 due to having developed a product that meets the requirements of the user community and are moving into an operations and sustainment capacity. *FY 2021 to FY 2022 Increase/Decrease Statement:* The decrease from FY21 to FY22 is due to having developed a product that meets the requirements of the user community and are moving into an operations and sustainment capacity.	1.947	1.986	0.000
Accomplishments/Planned Programs Subtotals	1.947	1.986	0.000

PE 0605127T: *Partner Outreach and Collaboration Suppo...*
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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Colla boration Support (POCS)*	**Project (Number/Name)** 000204 *I Partner Outreach and Collaboration Support*

C. Other Program Funding Summary ($ in Millions)

 N/A

Remarks

D. Acquisition Strategy

The GlobalNET effort employs a spiral acquisition strategy ensuring a well-defined model for each institution/community that can be exported globally. The program uses an organizational approach to ensure sustainable, and updated technology and information sharing procedures. By partnering with other U.S. Government activities, existing assets are leveraged to preserve U.S. investments, avoid duplication of effort between activities, and offer economically prudent solutions to improve information sharing and achieve U.S. security cooperation goals. Independent Operational Test teams are brought on to ensure that GlobalNET bears independent validation of the development team's effort.

PE 0605127T: *Partner Outreach and Collaboration Suppo...*
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Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2022 Defense Security Cooperation Agency														**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7							**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Colla boration Support (POCS)*				**Project (Number/Name)** 000204 *I Partner Outreach and Collaboration Support*			

Product Development ($ in Millions)				**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Defense Security Cooperation Agency	MIPR	Civic Actions : Berkeley, CA	19.742	1.947	Jul 2020	1.986	Jul 2021	-		-		-	-	-	N/A
		Subtotal	19.742	1.947		1.986		-		-		-	-	-	N/A

	Prior Years	**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	19.742	1.947		1.986		-		-		-	-	-	N/A

Remarks

PE 0605127T: *Partner Outreach and Collaboration Suppo...*
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Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Collaboration Support (POCS)*	**Project (Number/Name)** 000204 *I Partner Outreach and Collaboration Support*

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
GlobelNet Update																												
Upgrade Core and Maintenance Releases																	█	█	█	█	█	█	█	█	█	█	█	█
Deploy to Other Institutions							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	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
GlobelNet Update																												
Upgrade Core and Maintenance Releases	█	█	█	█	█	█	█	█																				
Deploy to Other Institutions	█	█	█	█	█	█	█	█																				

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605127T *I Partner Outreach and Collaboration Support (POCS)*	**Project (Number/Name)** 000204 *I Partner Outreach and Collaboration Support*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
GlobelNet Update				
Upgrade Core and Maintenance Releases	1	2016	4	2021
Deploy to Other Institutions	3	2014	4	2021

PE 0605127T: *Partner Outreach and Collaboration Suppo...*
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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Security Cooperation Agency											Date: May 2021	

Appropriation/Budget Activity	R-1 Program Element (Number/Name)
0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	PE 0605147T *I Overseas Humanitarian Assistance Shared Information System (OHASIS)*

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	2.301	0.310	0.316	0.000	-	0.000	-	-	-	-	Continuing	Continuing
000204: *Overseas Humanitarian Assistance Shared Information System*	2.301	0.310	0.316	0.000	-	0.000	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Overseas Humanitarian Assistance Shared Information System (OHASIS) provides stakeholders of Department of Defense (DoD) Humanitarian Assistance (HA) programs, including embassy staff, the Combatant Commands (COCOMs), the Defense Security Cooperation Agency (DSCA), and a broad range of DoD and interagency partners, the capability to manage, support, and visualize Overseas Humanitarian, Disaster, and Civic Aid (OHDACA) funded projects on a web-based map display, in addition to automating report generation, providing tools to coordinate with Interagency and partner nation stakeholders, and perform a variety of analyses.

Under the direction of DSCA, the U.S. Army Corps of Engineers, Army Geospatial Center (AGC) is responsible for the entire lifecycle--from system definition to development, support, training, and product improvement of OHASIS. The AGC has been responsible for the OHASIS system since 2005 and has evolved it to the present 2.5 system, which contains more than 17,000 active projects valued at more than $2.5 billion, with a community of over 6,000 users. The OHASIS system is a critical and mission essential means for thousands of military and civilian users to develop, staff, coordinate, approve, fund, implement, manage, and evaluate projects intended to assist the COCOMs in accomplishing theater campaign plan objectives and achieve strategic ends states in support of U.S. national security and foreign policy interests.

B. Program Change Summary ($ in Millions)

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	0.310	0.316	0.323	-	0.323
Current President's Budget	0.310	0.316	0.000	-	0.000
Total Adjustments	0.000	0.000	-0.323	-	-0.323
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-	-	-0.323	-	-0.323

Change Summary Explanation

Decrease due to intent to phase HA program management from OHASIS to G-TSCMIS/Socium.

PE 0605147T: *Overseas Humanitarian Assistance Shared ...*
Defense Security Cooperation Agency
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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021

Appropriation/Budget Activity 0400 I 7	**R-1 Program Element (Number/Name)** PE 0605147T I *Overseas Humanitarian Assistance Shared Information System (OHASIS)*	**Project (Number/Name)** 000204 I *Overseas Humanitarian Assistance Shared Information System*

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000204: *Overseas Humanitarian Assistance Shared Information System*	2.301	0.310	0.316	0.000	-	0.000	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Overseas Humanitarian Assistance Shared Information System (OHASIS) provides stakeholders of Department of Defense (DoD) Humanitarian Assistance (HA) programs, including embassy staff, the Combatant Commands (COCOMs), the Defense Security Cooperation Agency (DSCA), and a broad range of DoD and interagency partners, the capability to manage, support, and visualize Overseas Humanitarian, Disaster, and Civic Aid (OHDACA) funded projects on a web-based map display, in addition to automating report generation, providing tools to coordinate with Interagency and partner nation stakeholders, and perform a variety of analyses.

Under the direction of DSCA, the U.S. Army Corps of Engineers, Army Geospatial Center (AGC) is responsible for the entire lifecycle--from system definition to development, support, training, and product improvement of OHASIS. The AGC has been responsible for the OHASIS system since 2005 and has evolved it to the present 2.5 system, which contains more than 16,000 active projects (7,000 of which have been completed) valued at more than $2.3 billion, with a community of over 6,000 users. The OHASIS system is a critical and mission essential means for thousands of military and civilian users to develop, staff, coordinate, approve, fund, implement, manage, and evaluate projects intended to assist the COCOMs in accomplishing theater campaign plan objectives and achieve strategic ends states in support of U.S. national security and foreign policy interests support of U.S. national security and foreign policy interests.

### B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
Title: Overseas Humanitarian Assistance Shared Information System	0.310	0.316	0.000
FY 2021 Plans: Expand the format and availability of OHASIS to other O&M programs. Improve usability of project nomination and explore software optimization techniques to reduce load times and improve user experience.			
FY 2022 Plans: For FY2022, intent is to shift Humanitarian Assistance program management activities from OHASIS to SOCIUM			
FY 2021 to FY 2022 Increase/Decrease Statement: The $316,000 decrease from FY2021 to FY2022 is due intention to shift HA program management from OHASIS to G-TSCMIS/Socium.			
Accomplishments/Planned Programs Subtotals	0.310	0.316	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605147T *I Overseas Humanitarian Assistance Shared Information System (OHAS IS)*	**Project (Number/Name)** 000204 *I Overseas Humanitarian Assistance Shared Information System*

C. Other Program Funding Summary ($ in Millions)

 N/A

Remarks

 N/A

D. Acquisition Strategy

 The program employs an incremental technology development and implementation strategy to ensure a desired capability is delivered in a relevant timeframe. This strategy also will continue to leverage industry standard technologies for web development, database technology, database modeling, geographic information systems, reporting, and documentation. As additional users require the system, it will continue to be developed with scalability and maintainability as key considerations. Additionally, this capability will help DoD better collaborate and support external agencies and their programs by leveraging the web services that have been designed in the initial baseline.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2022 Defense Security Cooperation Agency											**Date:** May 2021	

Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605147T *I Overseas Humanitarian Assistance Shared Information System (OHASIS)*	**Project (Number/Name)** 000204 *I Overseas Humanitarian Assistance Shared Information System*

Product Development ($ in Millions)				**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**			
Cost Category Item	**Contract Method & Type**	**Performing Activity & Location**	**Prior Years**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Award Date**	**Cost**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Geospatial Research Integration Development and Support (GRiDS)	MIPR	SAIC : Alexandria, VA	2.301	0.310	Feb 2020	0.316	Feb 2021	-		-		-	-	-	Continuing
Subtotal			2.301	0.310		0.316		-		-		-	-	-	N/A

			Prior Years	**FY 2020**		**FY 2021**		**FY 2022 Base**		**FY 2022 OCO**		**FY 2022 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals			2.301	0.310		0.316		-		-		-	-	-	N/A

Remarks

PE 0605147T: *Overseas Humanitarian Assistance Shared ...*
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Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605147T *I Overseas Humanitarian Assistance Shared Information System (OHASIS)*	**Project (Number/Name)** 000204 *I Overseas Humanitarian Assistance Shared Information System*

	FY 2020				**FY 2021**				**FY 2022**				**FY 2023**				**FY 2024**				**FY 2025**				**FY 2026**			
	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
System Development and Compliance																												
Infrastructure for CAC-enabled Capability				█	█	█	█																					
Update System and Database Compliance				█	█	█	█																					

PE 0605147T: *Overseas Humanitarian Assistance Shared ...*
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 0605147T *I Overseas Humanitarian As sistance Shared Information System (OHAS IS)*	**Project (Number/Name)** 000204 *I Overseas Humanitarian Assistance Shared Information System*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
System Development and Compliance				
Infrastructure for CAC-enabled Capability	4	2020	4	2021
Update System and Database Compliance	1	2021	4	2021

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Defense Security Cooperation Agency											**Date:** May 2021	

Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*

R-1 Program Element (Number/Name)
PE 0607327T *I Global Theater Security Cooperation Management Information Systems (G-TSCMIS)*

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	27.475	12.000	3.992	7.398	-	7.398	-	-	-	-	Continuing	Continuing
000205: *Global Theater Security Cooperation Management information Systems (G-TSCMIS)*	27.475	12.000	3.992	7.398	-	7.398	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Global Theater Security Cooperation Management Information System (G-TSCMIS) Program was initially an Office of the Secretary of Defense (OSD) initiative to develop and deploy a common web-based, centrally hosted Management Information System (MIS) that will serve as the information focus point for the Nation's Security Cooperation (SC) efforts by providing decision makers, SC planners and other users with the ability to view, manage, assess, and report SC activities and events. February 11, 2019, OSD assigned the Defense Security Cooperation Agency (DSCA) as the lead for G-TSCMIS and any successor comprehensive security management information system. G-TSCMIS was adopted from a theater specific system, originally developed in 1999, and has been updated at least three times. Nevertheless, it still lacks basic functionality that the SC enterprise, consisting of Geographical Combatant Commands (GCCs), Military Departments, and Defense Agencies, have called for since 2010, including but not limited to SC activity life-cycle management, alignment of activities to strategic guidance, institutionalizing a common operational picture, adaptability and scalability to encompass all SC organizations, and interfacing with other SC-relevant authoritative data sources. Additionally, the 2017 National Defense Authorization Act enacted a number of reforms to the Department of Defense's security cooperation (SC) enterprise, consolidating various security cooperation authorities under a single chapter in Title 10 to provide greater clarity to the scope of these programs and to improve management and oversight of these programs. Through these reforms the Department now manages more than 100,000 SC activities per year at a cost of more than $10 billion, consisting of 40 distinct programs and support to dozens of different organizations and relies on an antiquated system, the G-TSCMIS to manage them. To meet the FY2017 NDAA requirements, DSCA is developing a successor system to replace G-TSCMIS after migrating the data.

DSCA requires an innovative prototype capable of meeting the needs of the SC enterprise and developing an enterprise-wide technology to facilitate and integrate planning, budgeting, collaboration, program design, assessment, monitoring, evaluation, and reporting in support of all U.S. security cooperation activities and. The successor system (Socium) prototype must perform each function in a manner that meets the mandate of the FY17 NDAA reforms including; Planning, Assessment, Monitoring, and Evaluation (AM&E) and Defense Institution Building.

For this effort, DSCA developed a new, innovative acquisition strategy for the successor system in consultation with the Defense Innovation Board and other IT acquisition experts. The strategy will increase competition, maximizing savings, and leverage flexible development approaches. DSCA is utilizing a phased approach to develop the successor system. The first phase, which is scheduled to be completed by September 2019, will gather industry driven solutions to develop a system that provides a modernized, versatile platform. DSCA, through Washington Headquarter Services, will then issue a competitive prototyping award for the second phase and is tentatively planned for completion in January 2020. The final phase will issue a production release that deploys the new solution to the SC enterprise in FY 2021.

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Exhibit R-2, **RDT&E Budget Item Justification:** PB 2022 Defense Security Cooperation Agency			**Date:** May 2021		
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*			**R-1 Program Element (Number/Name)** PE 0607327T *I Global Theater Security Cooperation Management Information Systems (G-TSCMIS)*		
B. Program Change Summary ($ in Millions)	**FY 2020**	**FY 2021**	**FY 2022 Base**	**FY 2022 OCO**	**FY 2022 Total**
Previous President's Budget	12.000	3.992	1.996	-	1.996
Current President's Budget	12.000	3.992	7.398	-	7.398
Total Adjustments	0.000	0.000	5.402	-	5.402
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-	-	5.402	-	5.402

Change Summary Explanation

The FY 2021 budget was abnormally low due to the unknown direction of the G-TSCMIS program at the time of the submission. The G-TSCMIS program was stabilized with the development of Socium.

The FY 2022 request will be used incorporate initial feedback from users to add new capabilities and functional enhancements to Socium to improve user satisfaction.

The new capabilities and functional enhancements are critical to saving countless man hours for thousands of users (strategic, operational, and tactical) across the entire SC enterprise (Services, COCOMs, and Defense Agencies) by reducing data entry in disparate systems/applications, automating paper-based business processes, and reporting requirement burdens. Furthermore, they continue to enhance Socium's capability to maintain comprehensive, accessible information that enhances oversight and data-driven decision-making capability for strategic users and to allow leaders to align SC resources to the National Defense Strategy, Theater Campaign Plans, and Integrated Country Strategies. These funds will be used for continued engineering for defects, fixes, and evaluation.

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Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021	

Appropriation/Budget Activity 0400 I 7	**R-1 Program Element (Number/Name)** PE 0607327T I *Global Theater Security Co operation Management Information Systems (G-TSCMIS)*	**Project (Number/Name)** 000205 I *Global Theater Security Cooperation Management information Systems (G-TSCMIS)*

COST ($ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
000205: *Global Theater Security Cooperation Management information Systems (G-TSCMIS)*	27.475	12.000	3.992	7.398	-	7.398	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

In February 2019, the Deputy Secretary of Defense designated the Defense Security Cooperation Agency (DSCA) as lead for the Global-Theater Security Cooperation Management Information System (G-TSCMIS) program. At that time, the G-TSCMIS program consisted of the G-TSCMIS application, which was responsible for creating, managing, and assessing DoD Security Cooperation (SC) activities. In consultation with the SC enterprise community, DSCA determined that the G-TSCMIS application was no longer able to fulfil its mission and could not meet the needs of the SC enterprise community. In FY 2020, DSCA, in consultation with the Defense Innovation Board, utilized a new, innovative acquisition strategy to develop two prototypes for the successor application. The strategy gathered industry driven solutions that increased competition, maximized savings, and leveraged flexible development approaches that developed an application with a modernized, versatile platform. In coordination with the SC enterprise, DSCA selected one prototype as the replacement to the G-TSCMIS application.

DSCA deployed the prototype as the Socium application, the fifth release of the G-TSCMIS program, in September 2020 and met the aggressive timeline required by the community. Socium is the DoD enterprise-wide technology to facilitate and integrate planning, budgeting, collaboration, design, management, assessment, monitoring, evaluation, and reporting in support of all U.S. security cooperation activities.

In FY 2021, DSCA will continue to add new capabilities and functional enhancements to Socium that includes new SC programs and processes, an expanded data model, refined AM&E capabilities, and two-way interfacing with other Authoritative Data Sources (ADSs). Some examples of new capabilities and enhancements for Socium in FY 2021 include deploying a SIPR Socium application and cross domain solution; building tailored workflows for all remaining permanent Title 10 security cooperation authorities; interfacing with the Overseas Humanitarian Assistance Shared Information System (OHASIS), Enterprise Freight Tracking System (EFTS), Security Cooperation Management Suite (SCMS), Command and Control Information Exchange (C2IE), Advance Analytics (ADVANA), and Reachback Engineer Data Integration (REDi); and improving the assessment, monitoring, and evaluation (AM&E) capabilities. Finally, the legacy G-TSCMIS application will be retired no later than the end of the first quarter of FY 2021. The G-TSCMIS application retirement plan includes transfer and integrating historical data into Socium.

The new capabilities and functional enhancements are critical to saving countless man hours for thousands of users (strategic, operational, and tactical) across the entire SC enterprise (Services, COCOMs, and Defense Agencies) by reducing data entry in disparate systems/applications, automating paper-based business processes, and reporting requirement burdens. Furthermore, they continue to enhance Socium's capability to maintain comprehensive, accessible information that enhances oversight and data-driven decision-making capability for strategic users and to allow leaders to align SC resources to the National Defense Strategy, Theater Campaign Plans, and Integrated Country Strategies.

Exhibit R-2A, RDT&E Project Justification: PB 2022 Defense Security Cooperation Agency		Date: May 2021
Appropriation/Budget Activity 0400 I 7	**R-1 Program Element (Number/Name)** PE 0607327T I *Global Theater Security Co operation Management Information Systems (G-TSCMIS)*	**Project (Number/Name)** 000205 I *Global Theater Security Cooperation Management information Systems (G-TSCMIS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2020	FY 2021	FY 2022
Title: Global Theater Security Cooperation Management Information System (G-TSCMIS)	12.000	3.992	7.398
FY 2021 Plans: In FY 2021, DSCA will continue to add new capabilities and functional enhancements to Socium that includes new SC programs and processes, an expanded data model, refined AM&E capabilities, and two-way interfacing with other systems. Finally, the legacy G-TSCMIS application will be retired no later than the end of the first quarter of FY 2021. The G-TSCMIS retirement application plan includes transfer and integrating historical data into Socium.			
FY 2022 Plans: In FY 2022, DSCA will continue to add new capabilities and functional enhancements to Socium that includes new expanding workflows and data integration for SC activities under Title 14, 22, and 50 to ensure complimentary SC activity planning and execution across the whole of the U.S. government; continuing to interface with the other ADSs; and looking to retire other legacy systems that Socium can replace.			
FY 2021 to FY 2022 Increase/Decrease Statement: In FY 2021, the successor system will have deployed a minimally viable product (MVP) to users to begin inputting data, which requires a substantial initial investment. The FY 2022 request will be used incorporate initial feedback from users to create a limited number of new features (a new functionality) and make software enhancements (existing functionality more user friendly) to the MVP and improve user satisfaction. Additionally, these funds will be used for continued engineering for defects, fixes, and evaluation.			
Accomplishments/Planned Programs Subtotals	12.000	3.992	7.398

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 DSCA conducted extensive market research. DSCA concluded that there is not a single Commercial Off-The-Shelf (COTS) or Government Off-The-Shelf (GOTS) solution that meets all of the SC enterprise needs. The two main challenges are: stitching together multiple software solutions into one application, and sophisticated customization. DSCA developed an innovative acquisition strategy for the successor system in consultation with the Defense Innovation Board and other IT acquisition experts and determined that utilizing an Other Transaction Agreement (OTA) through a Consortium is the best option. The strategy increased competition, maximized savings, and leveraged flexible development approaches. DSCA utilized a phased approach to develop the successor system. The first phase completed by September 2019, completes G-TSCMIS Release 3 as the final capability enhancements to G-TSCMIS. Phase II gathered industry driven solutions to develop a system that provides a modernized, versatile platform. Towards this goal, DSCA, through Washington Headquarter Services, issued a competitive prototyping award. DSCA

Exhibit R-2A, **RDT&E Project Justification:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
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will issue a production release that deploys the solution to the entire SC enterprise in FY 2022. The third phase will continue to add new capabilities and functional enhancements to the successor system that can include new SC programs and processes, an expanded data model, refined AM&E capabilities, and two-way interfacing with other systems.

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Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2022 Defense Security Cooperation Agency													**Date:** May 2021	
Appropriation/Budget Activity 0400 I 7			**R-1 Program Element (Number/Name)** PE 0607327T I *Global Theater Security Co operation Management Information Systems (G-TSCMIS)*							**Project (Number/Name)** 000205 I *Global Theater Security Cooperation Management information Systems (G-TSCMIS)*				

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering	MIPR	SSC LANT : Charleston, SC	21.894	0.100	Aug 2020	0.000		-		-		-	0.000	21.994	-
Systems Development	C/FFP	Production Development Base Year : Arlington, VA	1.824	5.250	Jun 2020	-		-		-		-	0.000	7.074	-
Systems Development	MIPR	AGC : Alexandria, VA	-	0.550	Apr 2020	0.550	Dec 2020	0.550	Oct 2021	-		0.550	Continuing	Continuing	-
Systems Development	C/FFP	Production Development Option Year 1 : Arlington, VA	0.000	6.100	Feb 2021	3.442	Feb 2021			-		-	0.000	9.542	-
Data Architecture	MIPR	Various : Arlington, VA	0.355	-		-		-		-		-	0.000	0.355	-
Business Process Mapping	MIPR	Various : Arlington, VA	1.066	-		-		-		-		-	0.000	1.066	-
Systems Development	C/FFP	Productin Development Option Year 2 : Arlington, VA	-	-		-		6.848	Feb 2022	-		6.848	Continuing	Continuing	-
Subtotal			25.139	12.000		3.992		7.398		-		7.398	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020 Cost	FY 2020 Award Date	FY 2021 Cost	FY 2021 Award Date	FY 2022 Base Cost	FY 2022 Base Award Date	FY 2022 OCO Cost	FY 2022 OCO Award Date	FY 2022 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test & Evaluation	MIPR	SSC LANT : Charleston, SC	2.146	0.000	Aug 2020	0.000		-		-		-	0.000	2.146	-
Subtotal			2.146	0.000		0.000		-		-		-	0.000	2.146	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support	MIPR	SSC LANT : Charleston, SC	0.190	0.000		0.000		-		-		-	0.000	0.190	-
		Subtotal	0.190	0.000		0.000		-		-		-	0.000	0.190	N/A

			Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals	27.475	12.000	3.992	7.398	-	7.398	Continuing	Continuing	N/A

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Exhibit R-4, **RDT&E Schedule Profile:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
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	FY 2013				**FY 2014**				**FY 2015**				**FY 2016**				**FY 2017**				**FY 2018**				**FY 2019**			
	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
Acquisition Milestones																												
Phase I: G-TSCMIS Release 3 Deployment																						▄	▄	▄				
Phase II: G-TSCMIS Successor System Research																										▄	▄	
Phase II: G-TSCMIS Successor Prototype Systems																												
Phase II: G-TSCMIS Successor Production System																												
Phase III: G-TSCMIS Successor System Operational Enhancements																												

	FY 2020				**FY 2021**				**FY 2022**				**FY 2023**				**FY 2024**				**FY 2025**				**FY 2026**			
	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
Acquisition Milestones																												
Phase I: G-TSCMIS Release 3 Deployment																												
Phase II: G-TSCMIS Successor System Research																												
Phase II: G-TSCMIS Successor Prototype Systems	▄	▄																										
Phase II: G-TSCMIS Successor Production System		▄	▄	▄																								
Phase III: G-TSCMIS Successor System Operational Enhancements					▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄	▄

Exhibit R-4A, **RDT&E Schedule Details:** PB 2022 Defense Security Cooperation Agency		**Date:** May 2021
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Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Acquisition Milestones				
Phase I: G-TSCMIS Release 3 Deployment	1	2019	4	2019
Phase II: G-TSCMIS Successor System Research	3	2019	4	2019
Phase II: G-TSCMIS Successor Prototype Systems	1	2020	2	2020
Phase II: G-TSCMIS Successor Production System	2	2020	4	2020
Phase III: G-TSCMIS Successor System Operational Enhancements	1	2021	4	2026

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