

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>
---	--

COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	27.109	28.821	47.204	-	47.204	40.186	35.355	36.127	5.362	0.000	220.164
D07: <i>DCGS-A Common Modules (MIP)</i>	-	27.109	28.821	47.204	-	47.204	40.186	35.355	36.127	5.362	0.000	220.164

Note

The Distributed Common Ground Systems - Army (DCGS-A) was formerly designated a Major Automation Information System (MAIS) program.

A. Mission Description and Budget Item Justification

Distributed Common Ground System - Army (DCGS-A) is the Intelligence, Surveillance and Reconnaissance (ISR) System of Systems (SoS) for Joint, Interagency, Allied, Coalition, and National data analysis, sharing and collaboration. The core functions of DCGS-A are: the vertical and horizontal synchronization of ISR Processing, Exploitation and Dissemination (PED) efforts; operations in a networked environment at multiple security levels; the control of select Army and joint sensor systems; the fusion of all acquired data and information, and distribution of relevant red (threat), gray (non-aligned), and environmental (weather and terrain) information; and providing the Warfighters' early warning, targeting, and sensor ground station capabilities. DCGS-A provides a single integrated ISR ground processing system composed of common components that are interoperable with sensors, other information sources, all Warfighting Functions, compliant with standards providing the Defense Information & Intelligence Enterprise (DI2E) and Intelligence Community Information Technology Enterprise (IC ITE). DCGS-A is fielded in Fixed, Mobile, and embedded configurations emphasizing the use of reach and split based operations by improving accessibility of data in order to reduce forward deployed footprint. As enhanced commercial capabilities are integrated and tested, a continuing series of software capability drop releases will be provided into Army Common/commodity hardware and fielded to units IAW the Army Resourcing Priority List (ARPL) process.

DCGS-A is designated as a Program of Record (PoR) within the Command Post Computing Environment (CPCE) of the Common Operating Environment (COE). DCGS-A provides the Single and Shareable Geospatial Foundation (SSGF) Cross Cutting Capability (CCC), and is defining the DCGS-A architecture to fit within the COE as described by the Assistant Secretary of the Army (Acquisition, Logistics, and Technology) (ASA(ALT)) COE Implementation Plan. This is in accordance with the G-3/5/7 priority to align all Army networks, procurements and enhancements under one COE and one vision leveraging intelligence community investments. PM DCGS-A continues to work with PM Mission Command (PM MC) to converge on CP CE Tactical Server Infrastructure (TSI).

DCGS-A provides technologically advanced Processing, Exploitation, and Dissemination (PED) capabilities through iterative software releases delivered in tailored and scalable mobile, fixed, and embedded configurations in all maneuver and maneuver support units from Company Intelligence Support Team to Army Service Component Command, and in select maneuver sustainment units battalion and above.

FY 2021 Base funding in the amount of \$47.204 million for D07, DCGS-A, will be used for modification, testing and integration of commercially available technologies to support multi-source intelligence processing at all echelons, as directed in the FY 2017 National Defense Authorization Act (NDAA), Section 113 and Section 220 that will increase the Tasking, Processing, Exploitation, and Dissemination capability to meet the Army requirements. DCGS-A will focus on Capability Drop upgrades and modifications to prototype and integrate Intelligence Applications into the Command Post Computing Environment (CPCE) and within a cloud computing environment.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305208A / Distributed Common Ground/Surface Systems
--	---

Intelligence Applications will begin in FY 2021 with an All-Source Intelligence and collection management capability to streamline and simplify the intelligence process at the tactical echelons, in a fast-paced multi-domain environment. DCGS-A will also begin Next Generation Analytics preparation activities to include market research, studies, and evaluations for the following applications: Open Source (OSINT) applications, Counter Intelligence and Human Intelligence Reporting capabilities (CI/HUMINT), Signals Intelligence (SIGINT) analysis, Intelligence Support to Cyber Operations, and Geospatial analytics capabilities. Activities will include the exploration of Artificial Intelligence and Machine Learning algorithms, and will leverage opportunities for integration into DCGS-A. DCGS-A will also assess solutions to replace the aging Tactical Entity Database with a new database solution at the tactical echelons, fully integrated into CPCE. In FY 2021, DCGS-A will evaluate a new sensor downlink solution to consolidate the capabilities of the legacy Tactical Ground Station, Operational Ground Station, Remote Ground Terminal and AMDAS Dissemination Vehicle onto a single platform with updated commercial technologies and to keep pace with emerging high altitude and space sensor technologies. The program will evaluate Capability Drop-2 solutions and design and develop alternative Industry software solutions to process and fuse space, aerial, and terrestrial sensor data to produce targeting solutions for long-range precision fires.

B. Program Change Summary (\$ in Millions)	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	27.109	38.121	57.250	-	57.250
Current President's Budget	27.109	28.821	47.204	-	47.204
Total Adjustments	0.000	-9.300	-10.046	-	-10.046
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-9.300			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-10.046	-	-10.046

Change Summary Explanation

FY21 PB reduction due to prior year performance.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army										Date: February 2020		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>					Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>		
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
D07: <i>DCGS-A Common Modules (MIP)</i>	-	27.109	28.821	47.204	-	47.204	40.186	35.355	36.127	5.362	0.000	220.164
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The Distributed Common Ground System - Army was formerly designated a Major Automation Information System (MAIS) program.

A. Mission Description and Budget Item Justification

Distributed Common Ground System - Army (DCGS-A) is the Intelligence, Surveillance and Reconnaissance (ISR) System of Systems (SoS) for Joint, Interagency, Allied, Coalition, and National data analysis, sharing and collaboration. The core functions of DCGS-A are: the vertical and horizontal synchronization of ISR Processing, Exploitation and Dissemination (PED) efforts; operations in a networked environment at multiple security levels; the control of select Army and joint sensor systems; the fusion of all acquired data and information, and distribution of relevant red (threat), gray (non-aligned), and environmental (weather and terrain) information; and providing the Warfighters' early warning, targeting, and sensor ground station capabilities. DCGS-A provides a single integrated ISR ground processing system composed of common components that are interoperable with sensors, other information sources, all Warfighting Functions, compliant with standards providing the Defense Information & Intelligence Enterprise (DI2E) and Intelligence Community Information Technology Enterprise (IC ITE). DCGS-A is fielded in Fixed, Mobile, and embedded configurations emphasizing the use of reach and split based operations by improving accessibility of data in order to reduce forward deployed footprint. As enhanced commercial capabilities are integrated and tested, a continuing series of software capability drop releases will be provided into Army Common/commodity hardware and fielded to units IAW the Army Resourcing Priority List (ARPL) process.

DCGS-A is designated as a Program of Record (PoR) within the Command Post Computing Environment (CPCE) of the Common Operating Environment (COE). DCGS-A provides the Single and Shareable Geospatial Foundation (SSGF) Cross Cutting Capability (CCC), and is defining the DCGS-A architecture to fit within the COE as described by the Assistant Secretary of the Army (Acquisition, Logistics, and Technology) (ASA(ALT)) COE Implementation Plan. This is in accordance with the G-3/5/7 priority to align all Army networks, procurements and enhancements under one COE and one vision leveraging intelligence community investments. PM DCGS-A continues to work with PM Mission Command (PM MC) to converge on CP CE Tactical Server Infrastructure (TSI).

DCGS-A provides technologically advanced Processing, Exploitation, and Dissemination (PED) capabilities through iterative software releases delivered in tailored and scalable mobile, fixed, and embedded configurations in all maneuver and maneuver support units from Company Intelligence Support Team to Army Service Component Command, and in select maneuver sustainment units battalion and above.

FY 2021 Base funding in the amount of \$47.204 million for D07, DCGS-A, will be used for modification, testing and integration of commercially available technologies to support multi-source intelligence processing at all echelons, as directed in the FY 2017 National Defense Authorization Act (NDAA), Section 113 and Section 220 that will increase the Tasking, Processing, Exploitation, and Dissemination capability to meet the Army requirements. DCGS-A will complete Capability Drop-2 testing and will modernize and integrate intelligence applications into the Command Post Computing Environment (CPCE) and within a cloud computing environment. DCGS-A will

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army **Date:** February 2020

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>
--	--	--

modernize intelligence applications in FY 2021 beginning with an All-Source intelligence and collection management capability to streamline and simplify the intelligence process at the tactical echelons, in a fast-paced multi-domain environment with CPCE. DCGS-A will also assess solutions to replace the aging Tactical Entity Database with a new database solution at the tactical echelons, fully integrated into CPCE. In FY 2021, DCGS-A will modernize DCGS-A Ground Stations to process and fuse space, aerial, and terrestrial sensor data to produce targeting solutions for long-range precision fires in a multi-domain environment. DCGS-A will also perform risk reduction activities to evaluate replacements for its aging Ground Station platforms in order to align to emerging high altitude and space sensor technologies. DCGS-A will also begin Next Generation preparation activities to include market research, studies, and evaluations for the following: Open Source (OSINT) applications, Counter Intelligence and Human Intelligence Reporting capabilities (CI/HUMINT), Signals Intelligence (SIGINT) analysis, Intelligence Support to Cyber Operations, and Geospatial analytics capabilities. Activities will include the exploration of Artificial Intelligence and Machine Learning algorithms, and will leverage opportunities for integration into DCGS-A.

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

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
<p>Title: Integrate and Test Software</p> <p>Description: DCGS-A Intelligence applications will issue commercial contracts to vendors on multiple-award contract/s. Initial contract awards will be followed by brief design and develop periods, incorporating maximum Soldier participation and feedback to inform procurement and fielding decisions. Each evaluate, modify (if necessary) and integrate period will result in minor modifications to adapt commercial capabilities for military use through customization, cyber accreditation, and integration with other Army systems.</p> <p>FY 2020 Plans: CD 2 is planned to replace DCGS-A data management capabilities hosted at Echelons Above Corps, and adds advanced analytics and Artificial Intelligence/Machine Learning capabilities. Complete integration and testing of CD 2 and start follow on intelligence applications.</p> <p>FY 2021 Base Plans: Integrate and test All-Source and Collection Management Applications with CPCE. Complete Integration and Testing of CD2.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Increased software integration and test requirements to complete CD2 and new intelligence applications.</p>	12.600	9.831	11.072	-	11.072
<p>Title: Government Matrix Support for Integration</p> <p>Description: Matrix Support Government for software integration to the target platforms.</p> <p>FY 2020 Plans:</p>	3.760	5.130	5.016	-	5.016

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Will continue Government Matrix Support for software integration to the target platforms. FY 2021 Base Plans: Continue Government Matrix Support for software integration to the target platforms. FY 2020 to FY 2021 Increase/Decrease Statement: Less support required due to reduced software integration and test requirements.					
Title: Project Management Description: Project Management support to manage the cost, schedule, and performance metrics for the program. FY 2020 Plans: Will continue acquisition document preparation and support for multiple capability drops. FY 2021 Base Plans: Acquisition preparation and support for Next Generation Analytic efforts. FY 2020 to FY 2021 Increase/Decrease Statement: Additional program activities driving increase program management costs.	1.981	3.021	4.992	-	4.992
Title: Army and Joint Interoperability and Operational Testing Description: Testing of DCGS-A FY 2020 Plans: Will continue to support testing requirements for DCGS software. FY 2021 Base Plans: Complete Interoperability and Operational Testing for CD2 and Intelligence Applications: All-Source and Collection Management. FY 2020 to FY 2021 Increase/Decrease Statement: Test costs will be shared with Command Post Computing Environment	5.568	5.110	3.024	-	3.024
Title: Training Development Description: Training support - embedded computer based training (CBT) for the DCGS-A software.	2.851	4.230	1.045	-	1.045

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army			Date: February 2020		
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>			
B. Accomplishments/Planned Programs (\$ in Millions)					
	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
FY 2020 Plans: Will continue training support - embedded computer based training (CBT) for the DCGS-A software.					
FY 2021 Base Plans: Continue training support - embedded computer based training (CBT) for the DCGS-A software.					
FY 2020 to FY 2021 Increase/Decrease Statement: Training support costs will be shared with Command Post Computing Environment					
Title: Logistics Documentation	0.338	1.499	0.990	-	0.990
Description: Logistics activities including maintenance task analysis, level of repair analysis, user manual, training support package, and MANPRINT activities.					
FY 2020 Plans: Will continue logistics activities including task maintenance task analysis, level of repair analysis, user manual, training support package, and MANPRINT activities.					
FY 2021 Base Plans: Continue logistics activities including task maintenance task analysis, level of repair analysis, user manual, training support package, and MANPRINT activities.					
FY 2020 to FY 2021 Increase/Decrease Statement: Logistics documentation costs will be shared with Command Post Computing Environment					
Title: Ground Station Modernization	-	-	18.094	-	18.094
Description: Ground Station evaluation, modernization, modification, and risk reduction activities.					
FY 2021 Base Plans: Ground Station evaluation, software modification, and risk reduction activities. DCGS-A will also evaluate new designs and replacements for its aging Ground Station platforms to process and fuse space, aerial, and terrestrial sensor data to produce targeting solutions for long-range precision fires.					
FY 2020 to FY 2021 Increase/Decrease Statement: Legacy Ground Stations require modernization.					
Title: Next Generation Analytics Evaluation	-	-	2.971	-	2.971

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Description: Next generation analytics market research, studies, evaluate, modify, and integrate experimentation					
FY 2021 Base Plans: Next generation analytics market research studies, evaluate, modify, and integrate experimentation					
FY 2020 to FY 2021 Increase/Decrease Statement: Next generation analytics evaluate, modify, and integrate is a new effort.					
Title: MDAP Support	0.011	-	-	-	-
Accomplishments/Planned Programs Subtotals	27.109	28.821	47.204	-	47.204

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
• BZ7316: <i>DCGS-A (MIP)</i>	298.270	205.219	151.886	47.709	199.595	163.047	170.928	177.962	191.248	0.000	1,406.269

Remarks
The Distributed Common Ground System - Army is designated a ACAT IAC

D. Acquisition Strategy
The DCGS-A program will consist of multiple capability drops structured to meet DCGS-A User requirements. The DCGS-A program will follow the Information Technology (IT) Box concept for an agile acquisition strategy to iteratively provide and field Intelligence, Surveillance, and Reconnaissance (ISR) capabilities, hosted on Commercial off the Shelf (COTS) equipment/hardware, providing low risk, efficient, time- phased releases of capability to satisfy the Army's operational needs.

The DCGS-A capabilities under Increment 1 will be leveraged to the maximum extent where applicable to meet the future DCGS-A requirements set. The DCGS-A will also leverage the Increment 1 configuration platforms fielded across the Army.

DCGS-A is a collection of software packages (COTS, and GOTS products) selected to provide each Army echelon (from Battalion up to Echelon Above Corps (EAC)) the capability to synthesize and exploit intelligence data. DCGS-A delivers these software packages on COTS and GOTS hardware components, tailored to meet each Army Echelon's intelligence mission requirements. DCGS-A is the Army's ISR Foundation Layer for Tasking, Processing, Exploitation, Dissemination (TPED) and development of situation understanding using intelligence information about the threat, weather, and terrain at all Army Echelons. DCGS-A provides the capabilities necessary for Commanders to access information, task organic sensors, and synchronize non-organic sensor assets with their organic assets. DCGS-A will continuously

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>

acquire and synthesize data and information from Joint, Interagency, Intergovernmental, and Multi-national (JIIM) sources to maintain an updated and accurate understanding of the operational environment to inform critical and time sensitive command decisions.

The DCGS-A software baseline will be updated and iteratively deployed to address emerging and prioritized operational requirements. PM DCGS-A, in coordination with the operational user community, will align releases with the technological readiness of targeted enhancements, and to support low-risk integration and test cycle times. As requirements are approved, DCGS-A will leverage commercially-available solutions and non-developmental items (NDI) to meet user needs, based on market research results. DCGS-A will issue commercial contracts or conduct NDI technology transitions from DoD Science and Technology organizations, or will re-use NDI from other Army programs, Services, or other Governmental Agencies. The DCGS-A software will be hardware agnostic so that the software can be deployed in any processing hardware equipment. This allows the DCGS-A software to be scalable and deployable in different hardware system configurations, as required by the Army at different echelons. The implementation of the latest COTS hardware procurement through the Army Common Hardware System (CHS) program with the established post-deployment hardware sparing, sustainment, and maintenance provisions, will result in significant cost efficiencies.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army												Date: February 2020			
Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0305208A / Distributed Common Ground/Surface Systems				Project (Number/Name) D07 / DCGS-A Common Modules (MIP)							
Management Services (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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
Project Management	Allot	DCGS-A : APG, MD	5.949	1.981	Oct 2018	3.021	Oct 2019	4.992	Oct 2020	-		4.992	Continuing	Continuing	-
Milestone preparation; Activities; Trade Space Analysis (TSA)	MIPR	Various : Various	3.318	-		-		-		-		-	0.000	3.318	-
Subtotal			9.267	1.981		3.021		4.992		-		4.992	Continuing	Continuing	N/A
Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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
Integrate & Test software	C/FP	Various : Various	52.722	12.600	Dec 2018	9.831	Dec 2019	11.072	Dec 2020	-		11.072	Continuing	Continuing	Continuing
System reconfiguration	C/FP	Various : Various	4.020	-		-		-		-		-	Continuing	Continuing	-
Ground Station Modernization	C/CPFF	Various : Various	-	-		-		18.094	Feb 2021	-		18.094	Continuing	Continuing	-
Next Generation Analytics Evaluation	C/CPFF	Various : Various	-	-		-		2.971	Feb 2021	-		2.971	Continuing	Continuing	-
Subtotal			56.742	12.600		9.831		32.137		-		32.137	Continuing	Continuing	N/A
Support (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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
Matrix Support	MIPR	Various : Various	8.835	3.760	Oct 2018	5.130	Oct 2019	-		-		-	Continuing	Continuing	-
Training Development	MIPR	Various : Various	4.519	2.851	Oct 2018	4.230	Oct 2019	1.045	Feb 2021	-		1.045	Continuing	Continuing	-
Logistics Documentation	MIPR	Various : Various	0.785	0.338	Jan 2019	1.499	Jan 2020	0.990	Jan 2021	-		0.990	Continuing	Continuing	-
Government Matrix Support for Integration	MIPR	Various : Various	-	-		-		5.016	Feb 2021	-		5.016	Continuing	Continuing	-
FY 2018 NDAA SEC 825 MDAP Cost Overrun	Allot	PM DCGS-A : APG, MD	-	0.011		-		-		-		-	0.000	0.011	-
Subtotal			14.139	6.960		10.859		7.051		-		7.051	Continuing	Continuing	N/A

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>

Event Name	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	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
Capability Drop 1	[Redacted]																											
Capability Drop 1 IOC			1																									
Capability Drop 2					[Redacted]																							
Capability Drop 2 IOC							2																					
All-Source Intelligence Application phase 1									[Redacted]																			
All-Source Intelligence Application phase 2									[Redacted]																			
Collection Management Applications phase 1									[Redacted]																			
Collection Management Applications phase 2									[Redacted]																			
Ground Station Modernization									[Redacted]																			
Next Generation Analytics Market research									[Redacted]																			
Next Generation Analytics Evaluation									[Redacted]																			

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0305208A / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) D07 / <i>DCGS-A Common Modules (MIP)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Capability Drop 1	4	2017	3	2019
Capability Drop 1 IOC	3	2019	3	2019
Capability Drop 2	4	2019	1	2021
Capability Drop 2 IOC	2	2021	2	2021
All-Source Intelligence Application phase 1	1	2021	1	2021
All-Source Intelligence Application phase 2	2	2021	1	2023
Collection Management Applications phase 1	2	2021	2	2021
Collection Management Applications phase 2	3	2021	2	2022
Ground Station Modernization	1	2021	2	2022
Next Generation Analytics Market research	1	2021	4	2021
Next Generation Analytics Evaluation	3	2021	2	2023