

**UNCLASSIFIED**

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

<b>Appropriation/Budget Activity</b> 0130: <i>Defense Health Program I BA 2: RDT&amp;E</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605045DHA I <i>Joint Operational Medicine Information System (JOMIS)</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	127.961	49.084	41.902	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
447A: <i>Joint Operational Medicine Information System (JOMIS)</i>	127.961	49.084	41.902	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**Program MDAP/MAIS Code:** 521

**A. Mission Description and Budget Item Justification**

The JOMIS Program will modernize, deploy, and sustain the DoD's operational medicine information systems using MHS GENESIS, while developing and fielding new theater capabilities that enable comprehensive health services to meet Warfighter requirements for military medical operations. JOMIS - MHS GENESIS is intended to function in constrained, intermittent, and non-existent communications environments while providing access to authoritative sources of clinical data. The JOMIS Program is declared Joint Interest for capability requirements to be executed under the Joint Capabilities Integration and Development System (JCIDS), with oversight by the Joint Staff J8 (Force Structure, Resources and Assessments) and the Joint Requirements Oversight Council (JROC).

The JOMIS Increment 1 Program is planned to deliver the MHS GENESIS Electronic Health Record (EHR) to meet the healthcare and dental documentation requirements validated by the JCIDS approved Theater Medical Information Requirements (TMIR) Capabilities Development Document (CDD) signed February 28, 2017. JOMIS Increment 1 is planned to deliver MHS GENESIS to replace/retire the legacy AHLTA-T and TC2 systems (under TMIP-J). The JOMIS Increment 1 Program is pre-Milestone B.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2019</u></b>	<b><u>FY 2020</u></b>	<b><u>FY 2021 Base</u></b>	<b><u>FY 2021 OCO</u></b>	<b><u>FY 2021 Total</u></b>
Previous President's Budget	78.136	59.902	49.260	-	49.260
Current President's Budget	49.084	41.902	0.000	-	0.000
Total Adjustments	-29.052	-18.000	-49.260	-	-49.260
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-18.000			
• Congressional Rescissions	-26.200	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.852	-			
• Programmatic change	-	-	-49.260	-	-49.260

**Change Summary Explanation**

FY 2021: Realignment of funding to BA 08 (Software and Digital Technology Pilot Program).

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Defense Health Agency										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 0130 / 2					<b>R-1 Program Element (Number/Name)</b> PE 0605045DHA / Joint Operational Medicine Information System (JOMIS)				<b>Project (Number/Name)</b> 447A / Joint Operational Medicine Information System (JOMIS)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
447A: Joint Operational Medicine Information System (JOMIS)	127.961	49.084	41.902	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The purpose of the Department of Defense (DoD) Joint Operational Medicine Information Systems (JOMIS) Program is to modernize, deploy, and sustain the DoD's operational medicine information systems using MHS GENESIS Electronic Health Record (EHR), while developing and fielding new theater capabilities that enable comprehensive health services to meet Warfighter requirements for military medical operations. JOMIS is intended to function in constrained, intermittent, and non-existent communications environments while providing access to authoritative sources of clinical data. The JOMIS Program is declared Joint Interest for capability requirements to be executed under the Joint Capabilities Integration and Development System (JCIDS) and the oversight of the Joint Requirements Oversight Council (JROC).

The goals of the JOMIS Increment 1 Program are to:

- Meet existing and emerging operational medicine requirements in the theater
- Fully leverage MHS GENESIS for medical care in Theater
- Provide two way information flow between garrison and theater environments in support of a longitudinal health record

Anticipated benefits of the JOMIS Increment 1 Program include:

- Delivery of uniform clinical information across both garrison and theater environments through the use of MHS GENESIS EHR
- Enhancements to the clinical care and information captured at all levels of care in tactical environments
- Transmission of critical information to the combatant commander, the evacuation chain for combat and non-combat casualties

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

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Title:</b> Joint Operational Medicine Information System (JOMIS)	49.084	41.902	0.000
<b>Description:</b> Specific contribution to mission delivery: JOMIS Increment 1 Program will serve as the primary tactical system to meet the needs of the Warfighter by enabling the provision of coordinated healthcare services. MHS GENESIS is planned to provide for key capabilities in Healthcare Services & Documentation (including Blood Management and Dental Services and Documentation. The JOMIS Increment 1 Program will also integrate MHS GENESIS for interoperability with existing Theater system capabilities for Medical Logistics, Patient Movement and Evacuation, Medical Situational Awareness and Medical Command & Control.			
<b>FY 2020 Plans:</b> FY 20 RDT&E:			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Defense Health Agency		<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 0130 / 2	<b>R-1 Program Element (Number/Name)</b> PE 0605045DHA / <i>Joint Operational Medicine Information System (JOMIS)</i>	<b>Project (Number/Name)</b> 447A / <i>Joint Operational Medicine Information System (JOMIS)</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<ul style="list-style-type: none"> <li>• Continue software development, configuration, and other activities related to Military Health Systems (MHS) GENESIS and Theater Medical Information Program-Joint (TMIP-J) integration.</li> <li>• Support Department of Defense Healthcare Management System Modernization (DHMSM) Program Management Office (PMO) for Contractor Testing and Development Testing of MHS GENESIS.</li> <li>• Continue Operational Medicine Government Approved Laboratory (OM GAL) efforts to support planning activities, user readiness, user training, and change management activities for the Initial Operating Capability (IOC) sites.</li> <li>• Continue engineering and program management support from the Air Force, Army, Marine Corps, and Navy.</li> <li>• Enhancements to the Medical Situational Awareness in Theater/Theater Medical Data Store (MSAT/TMDS) and AHLTA-T/TC2 projects.</li> <li>• Theater Blood (TBLD) development, system integration and test, Contractor System Engineering, Contractor Program Management and associated training material development.</li> <li>• Transportation Command (TRANSCOM) Regulating and Command and Control Evacuation System (TRAC2ES).</li> </ul> <p>FY20 Procurement:</p> <ul style="list-style-type: none"> <li>- Support Operational Medicine (OM) Government Approved Laboratory (GAL) infrastructure: Software (SW) maintenance, hardware (HW) procurement/refresh/maintenance; includes additional operational medicine (OpMed) Mobile &amp; Theater Blood requirements.</li> </ul> <p>FY20 O&amp;M:</p> <ul style="list-style-type: none"> <li>- Prepare analyses and acquisition documentation in support of Test and Evaluation Authority to Proceed (ATP) Milestone Event.</li> <li>- Continue decomposition into Requirements Definition Package (RDP) to inform JOMIS Increment 1 and the delivery of future increments capability.</li> <li>- Continue support of Program Management Office (PMO).</li> <li>- Operate and maintain OM GAL Testing Facility.</li> <li>- Fund sustainment of TMIP-J legacy systems prior to delivery of JOMIS.</li> <li>- Continue engineering and program management support from the Air Force, Army, Marine Corps, and Navy.</li> </ul> <p><b>FY 2021 Plans:</b></p> <p>FY21 RDT&amp;E:</p> <ul style="list-style-type: none"> <li>• Continue software development and other activities related to MHS-GENESIS Segment 2 Build 4 Gold Disk delivery.</li> <li>• Support the Defense Health Management System Modernization (DHMSM) program office for testing of MHS GENESIS Segment 2 Build 4 Gold Disk delivery.</li> <li>• Continue engineering and program management support for the Services.</li> </ul>				

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Defense Health Agency		<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 0130 / 2	<b>R-1 Program Element (Number/Name)</b> PE 0605045DHA / <i>Joint Operational Medicine Information System (JOMIS)</i>	<b>Project (Number/Name)</b> 447A / <i>Joint Operational Medicine Information System (JOMIS)</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<p>FY21 Procurement:</p> <ul style="list-style-type: none"> <li>• Continue integration activities, software licenses and utilities and tools.</li> <li>• Continue to support maintenance of government-approved laboratory infrastructure, software maintenance, hardware procurement and technical refreshes.</li> </ul> <p>FY21 O&amp;M:</p> <ul style="list-style-type: none"> <li>• Prepare analyses and acquisition documentation in support of Test and Evaluation Authority to Proceed (ATP) Milestone Event</li> <li>• Continue decomposition into Requirements Definition Package (RDP) to inform JOMIS Increment 1 and the delivery of future increments capability</li> <li>• Continue support of Program Management Office (PMO)</li> <li>• Operate and maintain OM GAL Testing Facility</li> <li>• Continue engineering and program management support from the Air Force, Army, Marine Corps, and Navy</li> <li>• Fund sustainment of TMIP-J legacy systems prior to delivery of PM JOMIS</li> </ul> <p><b><i>FY 2020 to FY 2021 Increase/Decrease Statement:</i></b> Reflects the program's updated strategy and timeline.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		49.084	41.902	0.000
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
Evaluate and use the most appropriate business, technical, contract and support strategies and acquisition approach to minimize costs, reduce program risks, and remain within schedule while meeting program objectives. Strategy is revised as required as a result of periodic program reviews or major decisions.				