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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	18.824	-	18.824	5.417	7.007	9.595	21.541	Continuing	Continuing
FA1: <i>Manpack Radio</i>	-	0.000	0.000	14.819	-	14.819	0.108	1.570	2.129	3.825	Continuing	Continuing
FA2: <i>Rifleman Radio (RR)</i>	-	0.000	0.000	4.005	-	4.005	5.309	5.437	7.466	17.716	Continuing	Continuing

Note
 PE 0604280A was realigned to PE 0605042A in PB17. The HMS program will execute funding under two separate project codes for Manpack Radio (Project Code FA1) and Rifleman Radio (Project Code FA2) in FY17 and out.

A. Mission Description and Budget Item Justification

Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements for a Software Communications Architecture (SCA) compliant hardware system hosting SCA-compliant Government purpose rights software waveforms (applications). HMS is an Acquisition Category (ACAT) ID Program that encompasses specific requirements to support the US Army, US Air Force, US Navy, US Marine Corps and the Special Operations Command (SOCOM) communication needs.

HMS provides voice and data communications to the tactical edge/most disadvantaged Warfighter with an on the move, at the halt, and stationary Line of Sight (LOS)/ Beyond Line of Sight (BLOS) capability for both dismounted personnel and platforms. HMS radios are software re-programmable, networkable multi-mode system (of systems) capable of simultaneous voice, data and video communications. The embedded Small Form Fit (SFF) versions of HMS may be used for Unmanned Vehicles and other platform applications.

HMS is structured as a single program of record. The program has completed the Engineering Manufacturing and Development Phase and received Milestone C approval on 17 June 2011 with Low Rate Initial Production configured radios.

HMS is executing the Acquisition Strategy approved in May 2014 to procure modified Non-Developmental Items (NDI) through full and open competition and open to all potential industry partners. Two contracts support this effort. The contract for NDI Secret and Below Rifleman Radios (RR) for used in a classified environment was awarded on 29 April 2015 to two vendors. The RR runs the Soldier Radio Waveform (SRW)-Army managed waveform. The contract for Manpack (MP) radios will be awarded in 3QFY16. These two channel radios can be used in a classified environment and will run SRW, Single Channel Ground and Airborne Radio System (SINCGARS)-Army managed waveform, Satellite Communications (SATCOM)-Army managed waveform, and Mobile-User Objective System (MUOS)-Navy managed waveform.

- The Army will award Firm Fixed-Price (FFP) Indefinite Delivery Indefinite Quantity (IDIQ) Contracts through a multiple step selection process:
- a. Award FFP Contracts (29 Apr 2015 for RR and 3QFY16 for MP)
 - b. Award first delivery orders to all qualified vendors based on technical acceptability and demonstrations from Qualification Test (3 Sep 2015 for RR and 1QFY17 for MP)
 - c. Award second delivery order based on Customer Test results (2QFY17 for RR and 4QFY17 for MP)

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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Army	Date: February 2016
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>
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d. Award FRP delivery orders based on operational assessments and best value trade off construct (1QFY18 for RR and 4QFY18 for MP)

The FY 2017 budget will provide funding that is necessary to execute the required full and open competition contract strategy for the RR and MP products. Specifically, the funding is needed to conduct testing for the MP candidate products to demonstrate compliance with program requirements; assess effectiveness, suitability, and survivability; to obtain material release for FRP; and to fully fund the full and open competition Operational Evaluation on the MP candidate radios as laid out in the HMS Acquisition Strategy approved May 2014. The funding will also support safety, spectrum supportability, and other certifications necessary to prepare the products for fielding.

B. Program Change Summary (\$ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	18.824	-	18.824
Total Adjustments	0.000	0.000	18.824	-	18.824
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Realignment from PE 0604280A	-	-	18.824	-	18.824

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA1 / <i>Manpack Radio</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
FA1: <i>Manpack Radio</i>	-	0.000	0.000	14.819	-	14.819	0.108	1.570	2.129	3.825	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In coordination with G8 and the Army Budget Office, HMS funding PE 0604280A was realigned under PE 0605042A in PB17. The HMS program will execute funding under separate project codes for Manpack Radio (Project Code FA1) and Rifleman Radio (Project Code FA2) in FY17 and out.

A. Mission Description and Budget Item Justification

Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements for a Software Communications Architecture (SCA) compliant hardware system hosting SCA-compliant Government purpose rights software waveforms (applications). HMS is an Acquisition Category (ACAT) ID Program that encompasses specific requirements to support the US Army, US Air Force, US Navy, US Marine Corps and the Special Operations Command (SOCOM) communication needs.

HMS provides voice and data communications to the tactical edge/most disadvantaged Warfighter with an on the move, at the halt, and stationary Line of Sight (LOS)/ Beyond Line of Sight (BLOS) capability for both dismounted personnel and platforms. HMS radios are software re-programmable, networkable multi-mode system (of systems) capable of simultaneous voice, data and video communications. The embedded Small Form Fit (SFF) versions of HMS may be used for Unmanned Vehicles and other platform applications.

HMS is structured as a single program of record. The program has completed the Engineering Manufacturing and Development Phase and received Milestone C approval on 17 June 2011 with Low Rate Initial Production configured radios.

HMS is executing the Acquisition Strategy approved in May 2014 to procure modified Non-Developmental Items (NDI) through full and open competition and open to all potential industry partners. The contract for Manpack (MP) radios will be awarded in 3QFY16. These two channel radios can be used in a classified environment and will run SRW, Single Channel Ground and Airborne Radio System (SINCGARS)-Army managed waveform, Satellite Communications (SATCOM)-Army managed waveform, and Mobile-User Objective System (MUOS)-Navy managed waveform.

The Army will award Firm Fixed-Price (FFP) Indefinite Delivery Indefinite Quantity (IDIQ) Contracts through a multiple step selection process:

- a. Award FFP Contracts (3QFY16 for MP)
- b. Award first delivery orders to all qualified vendors based on technical acceptability and demonstrations from Qualification Test (1QFY17 for MP)
- c. Award LRIP delivery order based on Customer Test results (4QFY17 for MP)
- d. Award FRP delivery orders based on operational assessments and best value trade off construct (4QFY18 for MP)

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
Title: HMS	-	-	14.819

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA1 / <i>Manpack Radio</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<p>Description: Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements for a Software Communications Architecture (SCA) compliant hardware system hosting SCA-compliant Government purpose rights software waveforms (applications). HMS is an Acquisition Category (ACAT) ID Program that encompasses specific requirements to support the US Army, US Air Force, US Navy, US Marine Corps and the Special Operations Command (SOCOM) communication needs.</p> <p>HMS provides voice and data communications to the tactical edge/most disadvantaged Warfighter with an on the move, at the halt, and stationary Line of Sight (LOS)/ Beyond Line of Sight (BLOS) capability for both dismounted personnel and platforms. HMS radios are software re-programmable, networkable multi-mode system (of systems) capable of simultaneous voice, data and video communications. The embedded Small Form Fit (SFF) versions of HMS may be used for Unmanned Vehicles and other platform applications.</p> <p>FY 2017 Plans: The FY 2017 funding is needed to conduct testing for the MP candidate products to demonstrate compliance with program requirements; assess effectiveness, suitability, and survivability; to obtain material release for FRP; and to fully fund the full and open competition Operational Evaluation on the MP candidate radios as laid out in the HMS Acquisition Strategy approved May 2014. The funding will also allow for engineering and technical support.</p>			
Accomplishments/Planned Programs Subtotals	-	-	14.819

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• RDTE: 0654280A: <i>DZ5</i>	9.454	4.546	-	-	-	-	-	-	-	0.000	14.000
• PE: 0605042A, <i>FA-2: Rifleman Radio</i>	-	-	4.005	-	4.005	5.309	5.437	2.129	3.825	Continuing	Continuing
• OPA: B90000, <i>B90210: Rifleman Radio</i>	14.200	29.509	-	-	-	-	-	-	-	0.000	43.709
• OPA: B90000, <i>B90215: Manpack Radio</i>	26.511	25.131	-	-	-	-	-	-	-	0.000	51.642
• OPA: B95004, B95006: <i>Handheld Radio</i>	-	-	43.734	-	43.734	52.573	53.511	54.951	49.937	Continuing	Continuing
• OPA: B95004, <i>B95007: Manpack Radio</i>	-	-	229.911	-	229.911	352.316	360.325	360.232	385.944	Continuing	Continuing

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army	Date: February 2016
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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA1 / <i>Manpack Radio</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
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Remarks
HMS RDTE funding is currently housed under PE: 0604280A Joint Tactical Radio for FY16 and prior. Due to a request to provide more transparency into the program, HMS RDTE funding will move to PE: 0605042A Tactical Network Radio Systems (Low-Tier): FA1 Manpack Radio and FA2 Rifleman Radio. HMS procurement funding can be found under Standard Study Number (SSN) B90210 JTRS Cluster 5 (Handheld) and SSN B90215 JTRS (Manpack)for FY16 & prior. Procurement funding for FY17 and beyond will be found in SSN B95004: SSN B95006 Handheld and SSN B95007 Manpack.

D. Acquisition Strategy

HMS is currently executing a May 2014 approved acquisition strategy to procure modified Non-Developmental Items (NDI) through full and open competition open to all potential industry partners. A contract will be awarded to procure NDI Manpack radios for use in a classified environment. Waveforms to be ported to HMS Manpack include: SRW, Single Channel Ground and Airborne Radio System (SINCGARS)-Army managed waveform, Satellite Communications (SATCOM)-Army managed waveform, and Mobile-User Objective System (MUOS)-Navy managed waveform.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army												Date: February 2016			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605042A / Tactical Network Radio Systems (Low-Tier)				FA1 / Manpack Radio							
Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
HMS Engineering/ Technical Support	TBD	PEO C3T, ARL, ESP, CECOM, CERDEC, LCMC, : Various	0.000	-		-		0.804		-		0.804	0	0.804	0
Subtotal			0.000	-		-		0.804		-		0.804	0.000	0.804	0.000
Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
Manpack Customer Test	RO	EPG : TBD	0.000	-		-		6.005		-		6.005	0	6.005	0
Manpack Operational Test (Preparation and Test Event)	RO	OTC : TBD	0.000	-		-		8.010		-		8.010	0	8.010	0
Subtotal			0.000	-		-		14.015		-		14.015	0.000	14.015	0.000
Project Cost Totals			0.000	-		0.000		14.819		-		14.819	0.000	14.819	0.000
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA1 / <i>Manpack Radio</i>
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021							
	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				
MP CT																																
MP OT																																
MP FRP DAB																																
MP PVT (FY19)																																
MP PVT (FY20)																																
MP PVT (FY21)																																

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA1 / <i>Manpack Radio</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MP CT	2	2017	4	2017
MP OT	4	2017	3	2018
MP FRP DAB	4	2018	4	2018
MP PVT (FY19)	2	2019	3	2019
MP PVT (FY20)	2	2020	3	2020
MP PVT (FY21)	2	2021	3	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army										Date: February 2016		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>				Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
FA2: <i>Rifleman Radio (RR)</i>	-	0.000	0.000	4.005	-	4.005	5.309	5.437	7.466	17.716	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In coordination with G8 and the Army Budget Office, HMS funding PE 0604280A was realigned under PE 0605042A in PB17. The HMS program will execute funding under separate project codes for Manpack Radio (Project Code FA1) and Rifleman Radio (Project Code FA2) in FY17 and out.

A. Mission Description and Budget Item Justification

Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements for a Software Communications Architecture (SCA) compliant hardware system hosting Government purpose rights software waveforms (applications). HMS is an Acquisition Category (ACAT) ID Program that encompasses specific requirements to support the US Army, US Air Force, US Navy, US Marine Corps and the Special Operations Command (SOCOM) communication needs.

HMS provides voice and data communications to the tactical edge/most disadvantaged Warfighter with an on the move, at the halt, and stationary Line of Sight (LOS)/ Beyond Line of Sight (BLOS) capability for both dismounted personnel and platforms. HMS radios are software re-programmable, networkable multi-mode system (of systems) capable of simultaneous voice, data and video communications. The embedded Small Form Fit (SFF) versions of HMS may be used for Unmanned Vehicles and other platform applications.

HMS is structured as a single program of record. The program has completed the Engineering Manufacturing and Development Phase and received Milestone C approval on 17 June 2011 with Low Rate Initial Production configured radios.

HMS is currently executing a May 2014 approved acquisition strategy to procure modified Non-Developmental Items (NDI) through full and open competition open to all potential industry partners. Two contracts will be awarded in support of this effort. The first contract will procure NDI Secret and Below Rifleman Radios (RR) for use in a classified environment. It was awarded on 29 April 2015. The RR ports the Soldier Radio Waveform (SRW)-Army managed waveform.

The Army will award Firm Fixed-Price (FFP) Indefinite Delivery Indefinite Quantity (IDIQ) Contracts through a multiple step selection process:

- a. Award FFP Contracts (29 Apr 2015 for RR)
- b. Award first delivery orders to all qualified vendors based on technical acceptability and demonstrations from Qualification Test (3 Sep 2015 for RR)
- c. Award LRIP delivery order based on Customer Test results (2QFY17 for RR)
- d. Award FRP delivery orders based on operational assessments and best value trade off construct (1QFY18 for RR)

The FY 2017 budget will provide funding required for Performance Verification Testing (PVT) for the RR. The funding will also support program office support and other certifications necessary to prepare the products for fielding (e.g., NSA certifications).

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<p>Title: HMS</p> <p>Description: Handheld, Manpack, and Small Form Fit (HMS) is a materiel solution meeting the requirements for a Software Communications Architecture (SCA) compliant hardware system hosting SCA-compliant Government purpose rights software waveforms (applications). HMS is an Acquisition Category (ACAT) ID Program that encompasses specific requirements to support the US Army, US Air Force, US Navy, US Marine Corps and the Special Operations Command (SOCOM) communication needs.</p> <p>HMS provides voice and data communications to the tactical edge/most disadvantaged Warfighter with an on the move, at the halt, and stationary Line of Sight (LOS)/ Beyond Line of Sight (BLOS) capability for both dismounted personnel and platforms. HMS radios are software re-programmable, networkable multi-mode system (of systems) capable of simultaneous voice, data and video communications. The embedded Small Form Fit (SFF) versions of HMS may be used for Unmanned Vehicles and other platform applications.</p> <p>FY 2017 Plans: The FY 2017 budget will provide funding required for Performance Verification Testing (PVT) and any additional delta performance testing for the RR. The funding will also support program office support and other certifications necessary to prepare the products for fielding.</p>	-	-	4.005
Accomplishments/Planned Programs Subtotals	-	-	4.005

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
• PE: 0605042A, FA-1: <i>Manpack Radio</i>	-	-	14.819	-	14.819	0.108	1.570	2.129	3.825	Continuing	Continuing
• RDTE: 0604280A: <i>DZ5</i>	9.454	4.546	-	-	-	-	-	-	-	0.000	14.000
• OPA: B90000, B90210: <i>JTRS Cluster 5 (Handheld)</i>	14.200	34.910	-	-	-	-	-	-	-	0.000	49.110
• OPA: B90000, B90215: <i>JTRS (Manpack)</i>	26.511	29.730	-	-	-	-	-	-	-	0.000	56.241
• OPA: B95004, B95006: <i>Handheld Radio</i>	-	-	43.903	-	43.903	52.782	53.490	54.959	50.294	Continuing	Continuing
• OPA: B95004, B95007: <i>Manpack Radio</i>	-	-	230.803	-	230.803	353.716	360.177	360.289	388.711	Continuing	Continuing

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>

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

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
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Remarks

HMS RDTE funding previously was executed under PE: 0604280A Joint Tactical Radio for FY16 and prior. Due to a request to provide more transparency into the program, HMS RDTE funding will move to PE: 0605042A Tactical Network Radio Systems (Low-Tier): FA1 Manpack Radio and FA2 Rifleman Radio. HMS procurement funding can be found under Standard Study Number (SSN) B90210 JTRS Cluster 5 (Handheld) and SSN B90215 JTRS (Manpack)for FY16 & prior. Procurement funding for FY17 and beyond will be found in SSN B95004: SSN B95006 Handheld and SSN B95007 Manpack.

D. Acquisition Strategy

HMS is currently executing a May 2014 approved acquisition strategy to procure modified Non-Developmental Items (NDI) through full and open competition open to all potential industry partners. A contracts was awarded 29 April 2015 to procure NDI Secret and Below Rifleman Radios for use in a classified environment. The Rifleman Radio ports the Soldier Radio Waveform (SRW)-Army managed waveform.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>
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Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Project Management Office Support	TBD	PEO C3T, CECOM, PM TR Alliant : Various; APG, MD	0.000	-		-		0.465		-		0.465	0	0.465	0
Subtotal			0.000	-		-		0.465		-		0.465	0.000	0.465	0.000

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
HMS Engineering/ Technical Support	TBD	PEO C3T, ARL, ESP, CECOM, CERDEC, LCMC, : Various; APG, MD	0.000	-		-		0.480		-		0.480	0	0.480	0
Subtotal			0.000	-		-		0.480		-		0.480	0.000	0.480	0.000

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Follow on Delta Development & Testing	TBD	OTC : TBD	0.000	-		-		3.060		-		3.060	0	3.060	0
Subtotal			0.000	-		-		3.060		-		3.060	0.000	3.060	0.000

	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals		0.000	-	0.000	4.005	-	4.005	0.000	4.005	0.000

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021											
	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								
RR FRP DAB																																				
FY17 RR PVT																																				
FY18 RR PVT																																				
FY19 RR PVT																																				
FY20 RR PVT																																				
FY21 RR PVT																																				

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605042A / <i>Tactical Network Radio Systems (Low-Tier)</i>	Project (Number/Name) FA2 / <i>Rifleman Radio (RR)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
RR FRP DAB	2	2017	2	2017
FY17 RR PVT	2	2017	3	2017
FY18 RR PVT	2	2018	3	2018
FY19 RR PVT	2	2019	2	2019
FY20 RR PVT	2	2020	3	2020
FY21 RR PVT	2	2021	3	2021