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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0303567A / <i>Non-SENSR Spectrum Pipeline SRF</i>
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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	-	1.236	-	-	-	-	-	-	-	-	-	-
X1C: <i>Non-SENSOR Spectrum Pipeline SRF</i>	-	1.236	-	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

In accordance with 47 USC 928 and the Commercial Spectrum Enhancement Act (CSEA) Title II, P.L. 108-494, dated December 23, 2004, established the Spectrum Relocation Fund (SRF) to provide Federal agencies a mechanism to recover the costs associated with relocating communication systems from spectrum bands which were auctioned for commercial purposes. The SRF is funded with proceeds from FCC conducted auctions of spectrum licenses. SRF funds have an indefinite obligation period and remain available until expended (X Year). The DoD Chief (CIO) executes oversight of DoD spectrum relocation and sharing efforts.

B. Program Change Summary (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	1.236	0.000	0.000	-	0.000
Total Adjustments	1.236	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	1.236	-			
• SBIR/STTR Transfer	-	-			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0303567A / Non-SENSR Spectrum Pipeline SRF				Project (Number/Name) X1C / Non-SENSOR Spectrum Pipeline SRF			
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
X1C: Non-SENSOR Spectrum Pipeline SRF	-	1.236	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

In accordance with 47 USC 928 and the Commercial Spectrum Enhancement Act (CSEA) Title II, P.L. 108-494, dated December 23, 2004, established the Spectrum Relocation Fund (SRF) to provide Federal agencies a mechanism to recover the costs associated with relocating communication systems from spectrum bands which were auctioned for commercial purposes. The SRF is funded with proceeds from FCC conducted auctions of spectrum licenses. SRF funds have an indefinite obligation period and remain available until expended (X Year). The DoD Chief Information Officer (CIO) executes oversight of DoD spectrum relocation and sharing efforts.

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

	FY 2020	FY 2021	FY 2022
Title: Non-SENSOR Spectrum Pipeline SRF	1.236	-	-
Description: Federal Communications Commission (FCC) spectrum auction has reduced the available frequencies traditionally used for Telemetry. White Sands Missile Range (WSMR) has been moving out of the 1755-1780 band by modifying Telemetry Receive Ground Systems with T1/T2 Modulation Efficient capability and LTE filter. Enhance Spectrum Monitoring & Management/ De-confliction capability.			
Accomplishments/Planned Programs Subtotals	1.236	-	-

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Army			Date: May 2021		
Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0303567A / Non-SENSR Spectrum Pipeline SRF		Project (Number/Name) X1C / Non-SENSOR Spectrum Pipeline SRF	

Event Name	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
5.5 m Tracker Installation at Salinas Peak / On-site Testing				■																								
5.5 m Tracker Installation at Alamo Peak / On-site Testing						■																						
5.5 m Tracker Installation at Dry Site / On-site Testing								■																				

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Army		Date: May 2021
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0303567A / <i>Non-SENSR Spectrum Pipeline SRF</i>	Project (Number/Name) X1C / <i>Non-SENSOR Spectrum Pipeline SRF</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
5.5 m Tracker Installation at Salinas Peak / On-site Testing	4	2020	1	2021
5.5 m Tracker Installation at Alamo Peak / On-site Testing	1	2021	1	2021
5.5 m Tracker Installation at Dry Site / On-site Testing	2	2021	2	2021