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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>											
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	19.400	7.128	7.454	9.319	-	9.319	10.011	9.169	8.913	9.092	Continuing	Continuing
1822: <i>Manpower Pers & Human Fact System</i>	19.400	7.128	7.454	9.319	-	9.319	10.011	9.169	8.913	9.092	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program is funded under RDT&E operational systems development because it encompasses engineering and development of new end-items prior to production approval decision along with the enhancement and upgrading of existing Manpower, Personnel, Training, and Education decision support systems, tools, and models.

This non-acquisition category program provides funds for continued R&D for broader application of advanced technologies to transition successful research proof-of-concept demonstrations into operational use. This PE provides funding to support the transition of models and decision support tools from RDT&E funded to production and into the hands of analysts and program managers throughout the MyNavyHR enterprise. The PE also supports the application and adaptation of proven industry models, tools, and technologies to Navy MPTE problems where GOTS solutions are insufficient or non-existent. The second goal of the PE is to successfully implement 90% of the industry-standard tools that are attempted to be used in Navy applications. In FY22, there is a continued need to advance the engineering development of emerging MyNavyHR business systems, technologies, and models from the Navy War Centers, coordinate with other Navy Labs and Research Institutions, and fiscally participate in the transition of MyNavyHR-domain products out of the S&T research environments (e.g. ONR). Per FNC guidance, the S&T programs are to have funding split among resource sponsors and stakeholders using a shared cost model (i.e. 30/50/100%) over the engineering development timeline.

B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	7.375	7.454	10.311	-	10.311
Current President's Budget	7.128	7.454	9.319	-	9.319
Total Adjustments	-0.247	0.000	-0.992	-	-0.992
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.247	0.000			
• Rate/Misc Adjustments	0.000	0.000	-0.992	-	-0.992

Change Summary Explanation

Technical: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy										Date: March 2023		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>				Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
1822: <i>Manpower Pers & Human Fact System</i>	19.400	7.128	7.454	9.319	-	9.319	10.011	9.169	8.913	9.092	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This PE provides funding to support the transition of models and decision support tools from RDT&E funded research, Science and Technology (6.2-6.3), to production and into the hands of analysts and program managers throughout the Manpower, Personnel, Training and Education enterprise. The PE also supports the application of proven industry models, tools and methodologies to Navy MPTE problems where GOTS solutions are non-existent. One goal of this PE is to transition 90% of successful S&T products to production while distributing 80% of successful educational and research products from the Naval War College to a broader Navy audience to be used by USN Sailors and civilians. Additionally, another goal of this PE is to provide relevant and technologically advanced MPTE-domain systems to the Navy Recruiting and Training Commands.

Articles reflect number of accomplishments and planned programs. Programs are divided into mission areas since names of projects/programs change based on decision points and approvals of projects that happen in-execution year. N1/MyNavy HR RDTE relies on maximum flexibility to meet capability demands that fill gaps in Manpower, Personnel, Training, and Education as well as injecting emerging technology into those capabilities. Thus specific projects are not named, but can be given in the phasing matrix. N1 will work toward a more deliberate S&T program that better specifies the use of RDTE funds, specifically the substantial coordination required with another OPNAV Code (N94/ONR) with its own scheduling and prioritization schema, to narrow down specific projects and/or modifications in current projects.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: Manpower Pers & Human Fact System	7.128	7.454	9.319	0.000	9.319
Articles:	-	-	-	-	-
FY 2023 Plans:					
- Continue prototype development of (3) AI/ML (Artificial Intelligence/Machine Learning) Training and Human Resources systems					
- Continue transition testing of AI/ML Training and HR systems					
- Continue development of Selection and classification modernization tools					
- Continue development of ADE (Authoritative Data Environment) model application prototypes					
- Continue development of Individualized training integration systems of systems					
- Continue development of Behavioral Science support tools and automation					
- Continue Science and Technology development of dynamic systems modeling tools (2) for Manpower and Support Decision Making					

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
<ul style="list-style-type: none"> - Continue Research and Development in talent management domain - Development and research for unmanned campaign plan manpower and rating- - Development of psychometric implementation and modernization of Enlisted exams - Continued development and research for future recruiting costing models - Program Management support for RDTE (Research Development Training Education) Development - Continue enhancement of Training IT (Information Technology) Modernization - Continue Modeling & Simulation (M&S) development and emerging requirements - Development and research in recruiting tools for officer and reserves <p>FY 2024 Base Plans:</p> <ul style="list-style-type: none"> - Continue transition testing of AI/ML (Artificial Intelligence/Machine Learning) Training and Human Resources systems - Continue development of ADE (Authoritative Data Environment) model application prototypes - Continue development of Individualized training integration systems of systems - Continue development of Behavioral Science support tools and automation - Continue S&T (Science and Technology) development of dynamic systems modeling tools (2) for Manpower and Support Decision Making - Continue R&D (Research and Development) in talent management domain - Development and research for unmanned campaign plan manpower and rating - Development of psychometric implementation and modernization of Enlisted exams - Continued development and research for future recruiting costing models - Program Management support for RDTE (Research Development Training Education) Development - Continue enhancement of Training IT (Information Technology) Modernization - Continue M&S (Modeling and Simulation) development and emerging requirements - Development and research in recruiting tools for officer and reserves <p>FY 2024 OCO Plans: N/A</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: FY24 increase (\$1.865M) supports development and transition testing of prototypes.</p>					
Accomplishments/Planned Programs Subtotals	7.128	7.454	9.319	0.000	9.319

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
1319 / 5				PE 0604703N / Personnel, Trng, Sim, & Human Factors				1822 / Manpower Pers & Human Fact System							
Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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
Development Support - M&S NEMMO	Allot	CNP : Washington, DC	1.350	0.450	Nov 2021	0.750	Oct 2022	0.600	Oct 2023	-		0.600	Continuing	Continuing	Continuing
Development Support - Analytic Visualization	Allot	CNP : Washington, DC	0.000	0.316	Oct 2021	0.420	Oct 2022	0.000		-		0.000	0.000	0.736	-
Development Support - Program Mgmt/Engr Support (Incl DTIC PM fees)	Allot	CNP : Washington, DC	0.000	0.000		0.380	Oct 2022	0.450	Oct 2023	-		0.450	Continuing	Continuing	Continuing
Development Support - COA DSS (MNW/MNF)	Allot	CNP : ONR - Arlington, VA	3.910	0.595	Oct 2021	0.700	Oct 2022	0.908	Oct 2023	-		0.908	Continuing	Continuing	Continuing
Development Support - AI/ML Innovation (MNL)	Allot	ONR : ONR - Arlington, VA	3.000	1.000	Oct 2021	1.854	Oct 2022	0.900	Oct 2023	-		0.900	Continuing	Continuing	Continuing
Development Support - Talent Management	Allot	CNP : ONR-Arlington, VA ,Washington, DC	0.000	0.000		0.300	Oct 2022	0.850	Oct 2023	-		0.850	Continuing	Continuing	Continuing
Development Support - Behavioral Science Advancements (PAL3)	Allot	CNP : Washington, DC, Army California	0.000	0.000		0.500	Mar 2023	0.750	Oct 2023	-		0.750	Continuing	Continuing	Continuing
Development Support - Recruiting/Selection (NCAPS, VRT)	Allot	NAWCTSD : Millington, TN	7.000	0.250	Oct 2021	0.000		0.000		-		0.000	0.000	7.250	-
Development Support - Supply Chain Mgmt DSS (FRMD)	Allot	CNP : Wshington, DC	2.000	0.500	Oct 2021	0.500	Oct 2022	0.000		-		0.000	0.000	3.000	-
Development Support -AI/ML Innovation (AI--LVC)	Allot	NAWCTSD : Millington, TN	0.250	0.000		0.250	Nov 2022	0.611	Nov 2023	-		0.611	Continuing	Continuing	Continuing
Development Support - NP2	Allot	CNP : CNP - Washington, DC	1.890	3.800	May 2022	0.000		0.000		-		0.000	0.000	5.690	-
Development Support - NLEC/NETC Tools (DRO EEA)	Allot	CNP : CNP - Washngton, DC	0.000	0.000		0.500	Nov 2022	0.750	Oct 2023	-		0.750	Continuing	Continuing	Continuing
Development Support - NPC/NRC tools (e.g.,	Allot	CNP : CNP - Washngton, DC	0.000	0.217	Oct 2021	0.550	Oct 2022	1.200	Oct 2023	-		1.200	Continuing	Continuing	Continuing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>
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Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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			
OTC/RTC Hard Card, Psychometric exam)															
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum)	Allot	CNP : CNP - Washington, DC	0.000	0.000		0.500	Oct 2022	0.750	Oct 2023	-		0.750	Continuing	Continuing	Continuing
Development Support - Unmanned Campaign Plan Manpower Rating	Allot	CNP : CNP - Washington, DC	0.000	0.000		0.250	Oct 2022	0.800	Oct 2023	-		0.800	Continuing	Continuing	Continuing
Development Support - MyNavy HR S&T Transformation	Allot	CNP : CNP - Washington, DC	0.000	0.000		0.000		0.750	Oct 2023	-		0.750	Continuing	Continuing	Continuing
Subtotal			19.400	7.128		7.454		9.319		-		9.319	Continuing	Continuing	N/A

Remarks
Larger investments as development and transition testing of prototypes will be necessary. Initial costs are lower than testing, development, and integration costs.

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	19.400	7.128	7.454	9.319	-	9.319	Continuing	Continuing	N/A

Remarks
Larger investments as development and transition testing of prototypes will be necessary. Initial costs are lower than testing, development, and integration costs.

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / Personnel, Trng, Sim, & Human Factors	Project (Number/Name) 1822 / Manpower Pers & Human Fact System
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Proj 1822	FY 2022				FY 2023				FY 2024			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Modeling and Simulation (NEMMO)		▲	▲		▲		▲	▲		▲		
Analytic Visualization Tools (CNP Dashboard)		CNP D ▲	▲			▲	▲					
Program Management & Engineering Solution (DTIC PM Fees)					PM & ES ▲				▲			
COA Decision Support (My Navy World Decision Support)	MNW/NMF ▲		▲	▲		▲				▲	▲	
AI/ML-Enabled HR systems MNL, AI Enabled LVC					AI/ML ▲	▲	▲		▲		▲	▲
Talent Management					TM ▲	▲		▲	▲	▲		▲
BEHAVIORAL SCIENCE Investment and COE					PAL3 ▲		▲		▲		▲	
Recruiting /Selection (e.g. NCAPS, VRT)	RST ▲	▲		▲								
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD)	FMRD ▲		▲		▲		▲					
Development Support - NP2			DS - NP2 ▲									
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum)					NETC TT ▲	▲		▲	▲	▲		▲
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam)				NPC/NRC Tools ▲		▲		▲		▲		▲
Development Support - Unmanned Campaign Plan Manpower Rating					UCPMR ▲		▲		▲			▲
Development Support - MyNavy HR S&T Transformation												MN HR S&T Trans ▲
Development Support - NLEC/NETC Tools (DRO EEA)					DRO EEA ▲	▲		▲	▲	▲		▲
Development Support - AI/ML Innovation (e.g MNL and Transition Costs)	MNL and Trans Cost ▲		▲	▲		▲			▲	▲		

2024PB - 0604703N - 1822

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy		Date: March 2023
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 1822				
Modeling and Simulation (NEMMO): Modeling and Simulation (NEMMO)1	2	2022	2	2022
Modeling and Simulation (NEMMO): NEMMO2	3	2022	3	2022
Modeling and Simulation (NEMMO): NEMMO 3	1	2023	1	2023
Modeling and Simulation (NEMMO): NEMMO 4	3	2023	3	2023
Modeling and Simulation (NEMMO): NEMMO 5	4	2023	4	2023
Modeling and Simulation (NEMMO): NEMMO 6	2	2024	2	2024
Modeling and Simulation (NEMMO): NEMMO 7	1	2025	1	2025
Modeling and Simulation (NEMMO): NEMMO 8	2	2025	2	2025
Modeling and Simulation (NEMMO): NEMMO 9	1	2026	1	2026
Modeling and Simulation (NEMMO): NEMMO 10	3	2026	3	2026
Modeling and Simulation (NEMMO): NEMMO 11	4	2026	4	2026
Modeling and Simulation (NEMMO): NEMMO 12	2	2027	2	2027
Modeling and Simulation (NEMMO): NEMMO 13	4	2027	4	2027
Modeling and Simulation (NEMMO): NEMMO 14	2	2028	2	2028
Modeling and Simulation (NEMMO): NEMMO 15	4	2028	4	2028
Analytic Visualization Tools (CNP Dashboard): CNP D1	2	2022	2	2022
Analytic Visualization Tools (CNP Dashboard): CNP D2	3	2022	3	2022
Analytic Visualization Tools (CNP Dashboard): CNP D3	3	2023	3	2023
Analytic Visualization Tools (CNP Dashboard): CNP D4	2	2023	2	2023
Analytic Visualization Tools (CNP Dashboard): CNP D5	3	2023	3	2023
Program Management & Engineering Solution (DTIC PM Fees): PM & ES 1	1	2023	1	2023

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Program Management & Engineering Solution (DTIC PM Fees): PM & ES 2	1	2024	1	2024
Program Management & Engineering Solution (DTIC PM Fees): PM & ES 3	1	2025	1	2025
Program Management & Engineering Solution (DTIC PM Fees): PM & ES 4	2	2025	2	2025
Program Management & Engineering Solution (DTIC PM Fees): PM & ES 5	1	2026	1	2026
Program Management & Engineering Solution (DTIC PM Fees): P,M & ES 6	2	2026	2	2026
COA Decision Support (My Navy World Decision Support): MNW/MNF 1	1	2022	1	2022
COA Decision Support (My Navy World Decision Support): MNW/MNF 2	3	2022	3	2022
COA Decision Support (My Navy World Decision Support): MNW/MNF 3	4	2022	4	2022
COA Decision Support (My Navy World Decision Support): MNW/MNF 4	2	2023	2	2023
COA Decision Support (My Navy World Decision Support): MNW/MNF 5	2	2024	2	2024
COA Decision Support (My Navy World Decision Support): MNW/MNF 6	3	2024	3	2024
COA Decision Support (My Navy World Decision Support): MNW/MNF 7	1	2025	1	2025
COA Decision Support (My Navy World Decision Support): MNW/MNF 8	3	2025	3	2025
COA Decision Support (My Navy World Decision Support): MNW/MNF 9	4	2025	4	2025
COA Decision Support (My Navy World Decision Support): MNW/MNF 10	2	2026	2	2026
COA Decision Support (My Navy World Decision Support): MNW/MNF 11	4	2026	4	2026
COA Decision Support (My Navy World Decision Support): MNW.MNF 12	2	2027	2	2027
COA Decision Support (My Navy World Decision Support): MNW/MNF 13	4	2027	4	2027
COA Decision Support (My Navy World Decision Support): MNW/MNF 14	2	2028	2	2028
COA Decision Support (My Navy World Decision Support): MNW/MNF 15	4	2028	4	2028
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 1	1	2023	1	2023
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 2	2	2023	2	2023
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 3	3	2023	3	2023
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 4	1	2024	1	2024
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 6	3	2024	3	2024

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 7	4	2024	4	2024
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 8	2	2025	2	2025
AI/ML-Enabled HR systems MNL, AI Enabled LVC: AI/ML 9	3	2025	3	2025
Talent Management: TM 1	1	2023	1	2023
Talent Management: TM 2	2	2023	2	2023
Talent Management: TM 3	4	2023	4	2023
Talent Management: TM 4	1	2024	1	2024
Talent Management: TM 5	2	2024	2	2024
Talent Management: TM 6	4	2024	4	2024
Talent Management: TM 7	2	2025	2	2025
Talent Management: TM 8	3	2025	3	2025
Talent Management: TM 9	1	2026	1	2026
Talent Management: TM 10	2	2026	2	2026
Talent Management: TM 11	3	2026	3	2026
Talent Management: TM 12	4	2026	4	2026
Talent Management: TM 13	2	2027	2	2027
Talent Management: TM 14	3	2027	3	2027
Talent Management: TM 15	2	2028	2	2028
Talent Management: TM 16	3	2028	3	2028
BEHAVIORAL SCIENCE Investment and COE: PAL3 1	1	2023	1	2023
BEHAVIORAL SCIENCE Investment and COE: PAL3 2	3	2023	3	2023
BEHAVIORAL SCIENCE Investment and COE: PAL3 3	1	2024	1	2024
BEHAVIORAL SCIENCE Investment and COE: PAL3 4	3	2024	3	2024
Recruiting /Selection (e.g. NCAPS. VRT): RST 1	1	2022	1	2022
Recruiting /Selection (e.g. NCAPS. VRT): RST 2	2	2022	2	2022

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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Recruiting /Selection (e.g. NCAPS. VRT): RST 3	4	2022	4	2022
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD): FRMD 1	1	2022	1	2022
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD): FRMD 2	3	2022	3	2022
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD): FRMD 3	1	2023	1	2023
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD): FRMD 4	3	2023	3	2023
Supply Chain Mgmt Decision Support System DSS, ADE dev (e.g.FRMD): FMRD 5	4	2023	1	2028
Development Support - NP2: DS - NP2 1	3	2022	3	2022
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 1	1	2023	1	2023
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 2	2	2023	2	2023
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 3	4	2023	4	2023
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 4	1	2024	1	2024
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 5	2	2024	2	2024
Development Support - NETC Training Tools (e.g., Career-Long Learning Continuum): NETC TT 6	4	2024	4	2024
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 1	4	2022	4	2022
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 2	2	2023	2	2023
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 3	4	2023	4	2023
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 4	2	2024	2	2024

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 5	4	2024	4	2024
Development Support - NPC/NRC tools (e.g., OTC/RTC Hard Card, Psychometric exam): NPC/NRC Tools 6	1	2025	1	2025
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 1	1	2023	1	2023
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 2	3	2023	3	2023
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 3	1	2024	1	2024
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 4	4	2024	4	2024
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 5	2	2025	2	2025
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 6	2	2025	2	2025
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 7	1	2026	1	2026
Development Support - Unmanned Campaign Plan Manpower Rating: UCPMR 8	3	2026	3	2026
Development Support - Unmanned Campaign Plan Manpower Rating: UCPRM 9	2	2027	2	2027
Development Support - Unmanned Campaign Plan Manpower Rating: UCPRM 10	2	2028	2	2028
Development Support - MyNavy HR S&T Transformation: MN HR S&T Trans 1	4	2024	4	2024
Development Support - MyNavy HR S&T Transformation: MN HR S&T Trans 2	1	2025	1	2025
Development Support - MyNavy HR S&T Transformation: MN HR S&T Trans 3	2	2025	2	2025
Development Support - MyNavy HR S&T Transformation: MN HR S&T Trans 4	4	2025	4	2025
Development Support - MyNavy HR S&T Transformation: MM HR S&T Trans 5	1	2026	1	2026
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 1	1	2023	1	2023
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 2	2	2023	2	2023
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 3	4	2023	4	2023
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 4	1	2024	1	2024
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 5	2	2024	2	2024
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 6	4	2024	4	2024
Development Support - NLEC/NETC Tools (DRO EEA): DRO EEA 7	2	2025	2	2025

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604703N / <i>Personnel, Trng, Sim, & Human Factors</i>	Project (Number/Name) 1822 / <i>Manpower Pers & Human Fact System</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 1	1	2022	1	2022
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 2	3	2022	3	2022
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 3	4	2022	4	2022
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 4	2	2023	2	2023
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 5	1	2024	1	2024
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 6	2	2024	2	2024
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 7	1	2025	1	2025
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 8	3	2025	3	2025
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 9	4	2025	4	2025
Development Support - AI/ML Innovation (e.g MNL and Transition Costs): MNL and Trans Cost 10	2	2026	2	2026