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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	426.136	12.335	6.320	2.886	-	2.886	1.321	0.000	0.000	0.000	0.000	448.998
3133: <i>Ship to Shore Connectors Contract Design</i>	22.648	0.000	3.560	1.884	-	1.884	0.000	0.000	0.000	0.000	0.000	28.092
3137: <i>SSC Construction</i>	379.366	5.100	2.760	1.002	-	1.002	1.321	0.000	0.000	0.000	0.000	389.549
9999: <i>Congressional Adds</i>	24.122	7.235	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	31.357

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): 303

A. Mission Description and Budget Item Justification

The SSC program provides the capability to rapidly move assault forces within the littoral operational environment to accomplish Unified Command Plan (UCP) missions and ensures the Joint Force Commander's (JFCDR's) ability to conduct amphibious operations and operate over the high water mark, including movement over ice, mud, rivers, swamps and marshes. SSC provides the functional replacement for the Landing Craft, Air Cushion (LCAC) Class of ships, which began reaching extended service life in 2015.

This PE directly funds and supports the detail design, development, construction, issue resolution, certification, integration and testing of the Ship to Shore Connector (SSC). The lead craft (Craft 100) will be maintained as a test and training platform throughout its life cycle.

Note: This effort was previously funded under PE 0604567N under projects 3133 and 3137 (FY 2014 and prior).

B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	12.632	6.320	0.000	-	0.000
Current President's Budget	12.335	6.320	2.886	-	2.886
Total Adjustments	-0.297	0.000	2.886	-	2.886
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.297	0.000			
• Program Adjustments	0.000	0.000	0.000	-	0.000
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Navy	Date: April 2022
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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>
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• Adjustments to Budget Year	-	-	2.886	-	2.886
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Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: *Congressional Adds*

Congressional Add: *Naval Hovercraft Propulsion Applications*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2021	FY 2022
Congressional Add Subtotals for Project: 9999	7.235	0.000
Congressional Add Totals for all Projects	7.235	0.000

Change Summary Explanation

The FY 2023 funding request was reduced by \$0.450 million to account for the availability of prior year execution balances.

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 3133 / <i>Ship to Shore Connectors Contract Design</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3133: <i>Ship to Shore Connectors Contract Design</i>	22.648	0.000	3.560	1.884	-	1.884	0.000	0.000	0.000	0.000	0.000	28.092
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 303

A. Mission Description and Budget Item Justification

Ship to Shore Connector (SSC) - This project provides the Preliminary and Contract design and Class test efforts for the SSC Program. The SSC program provides the capability to rapidly move assault forces within the littoral operational environment to accomplish Unified Command Plan (UCP) missions and ensures the Joint Force Commander's (JFCDR's) ability to conduct amphibious operations and operate over the high water mark, including movement over ice, mud, rivers, swamps and marshes. SSC provides the functional replacement for the Landing Craft, Air Cushion (LCAC) Class of ships, which began reaching extended service life in 2015. For FY 2015 and beyond, this project will provide for Class Test and Evaluation of components and systems, as well as all programmatic effort and support activities necessary for the development and execution of Class Test and Evaluation (T&E) plans and programs.

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

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: Ship to Shore Connectors Contract Design	0.000	3.560	1.884	0.000	1.884
Articles:	-	-	-	-	-
FY 2022 Plans: Continuation of Post Delivery Test and Trials (PDT&T). PDT&T tests will support the reliability growth program by conducting 240 hours of on-cushion operations and providing craft level failure data for use with the reliability growth model. Funding also supports the initiation of operational test events.					
FY 2023 Base Plans: FY 2023 funding will support execution and completion of Initial Operational Test & Evaluation (IOT&E) upon completion of PDT&T. This consists of 19 Amphibious Operations to demonstrate operational effectiveness and suitability to support Initial Operational Capability (IOC) as well as Full Rate Production (FRP) Decision. IOT&E reporting and data analysis will be conducted upon completion of tests. FY 2023 funds will also be used to complete Follow-On Operational Test & Evaluation (FOT&E). FOT&E will be completed during Fleet Exercises and Training to evaluate cold weather operations and execution of deferred OT&E.					
FY 2023 OCO Plans: N/A					
FY 2022 to FY 2023 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 3133 / <i>Ship to Shore Connectors Contract Design</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Decrease of \$1.676 from FY 2022 to FY 2023 reflects necessary funds to transition from PDT&T and IOT&E to FOT&E efforts.					
Accomplishments/Planned Programs Subtotals	0.000	3.560	1.884	0.000	1.884

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• RD TEN 3137: <i>SSC Construction</i>	5.100	2.760	1.002	-	1.002	1.321	0.000	0.000	0.000	0.000	389.549
• SCN 5112: <i>Ship to Shore Connector</i>	0.000	391.838	190.433	-	190.433	192.014	201.453	204.739	206.550	2,896.141	5,915.272

Remarks

D. Acquisition Strategy

The Test and Training craft (Craft 100) and LCACs 101-103 have delivered. Craft 100 was procured and constructed with RD TEN. LCAC 101 was awarded with RD TEN and transferred to SCN for completion. The Detail Design and Construction contract includes options for construction of an additional seven SCN craft, all of which have been awarded (LCAC 102-108). The FY17-20 follow-on contract awarded construction of an additional fifteen SCN craft (LCAC 109-123). The Contract for construction of LCAC 124-128 awards in FY 2022.

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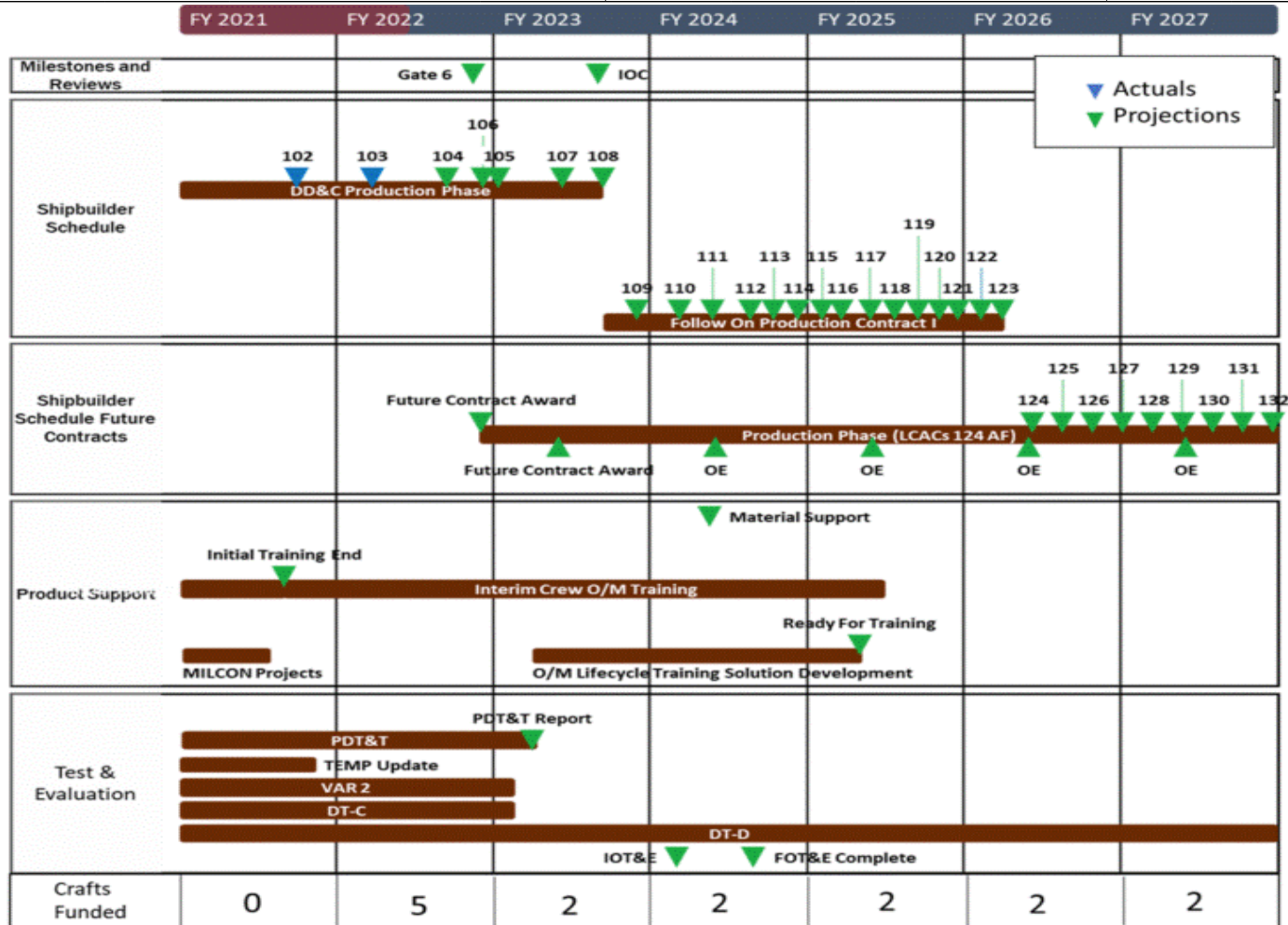
Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy

Date: April 2022

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name)
PE 0605220N / Ship-to-Shore Connector (S
SC)

Project (Number/Name)
3133 / Ship to Shore Connectors Contract
Design



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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 3133 / <i>Ship to Shore Connectors Contract Design</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3133				
Post Delivery Test & Trials (PDT&T)	1	2021	1	2023
Initial Operational Test and Evaluation (IOT&E)	2	2023	2	2023
Follow-on Operational Test and Evaluation (FOT&E)	4	2023	4	2023

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 3137 / <i>SSC Construction</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
3137: <i>SSC Construction</i>	379.366	5.100	2.760	1.002	-	1.002	1.321	0.000	0.000	0.000	0.000	389.549
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 303

A. Mission Description and Budget Item Justification

This project funds the Ship to Shore Connector (SSC) Engineering & Manufacturing Development phase which includes Detail Design and Construction, Product Support, Government Furnished Equipment (GFE), Program support, and Outfitting and Post Delivery. The lead craft will be maintained as a test and training platform throughout its life cycle. The SSC program provides the capability to rapidly move assault forces within the littoral operational environment to accomplish Unified Command Plan (UCP) missions and ensures the Joint Force Commander's (JFCDR's) ability to conduct amphibious operations and operate over the high water mark, including movement over ice, mud, rivers, swamps and marshes. SSC provides the functional replacement for the Landing Craft, Air Cushion (LCAC) Class of ships, which began reaching extended service life in 2015. Funding for this effort was previously executed under PE 0604567N.

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

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Title: SSC Construction	5.100	2.760	1.002	0.000	1.002
Articles:	-	-	-	-	-
FY 2022 Plans: Complete Post Delivery Test and Trials (PDT&T) and associated tasking for Craft 100. Conduct Post Shakedown Availability on Craft 100 to align craft to fleet configuration. Funding also provides Craft 100 (T&T Craft) maintenance support, civilian crew, and craft enhancements. This craft is used to test proposed craft changes, Research and Development efforts for LCAC class, and the identification and resolution of maintenance issues.					
FY 2023 Base Plans: Funding provides Craft 100 (Test and Training (T&T) Craft) maintenance support, civilian crew, and craft enhancements. This craft is used to test proposed craft changes, Research and Development efforts for LCAC class, and the identification and resolution of maintenance issues.					
FY 2023 OCO Plans: N/A					
FY 2022 to FY 2023 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 3137 / <i>SSC Construction</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Decrease of \$1.758M from FY 2022 to FY 2023 reflects necessary funds to transition from PDT&T to FOT&E and Craft 100 sustainment.					
Accomplishments/Planned Programs Subtotals	5.100	2.760	1.002	0.000	1.002

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• RD TEN 3133: <i>Ship to Shore Connectors Contract Design</i>	0.000	3.560	1.884	-	1.884	0.000	0.000	0.000	0.000	0.000	25.692
• SCN 5112: <i>Ship to Shore Connector</i>	0.000	156.738	190.433	-	190.433	192.014	201.453	204.739	206.550	3,163.364	5,947.395

Remarks

D. Acquisition Strategy

The Test and Training (T&T) craft (Craft 100) and LCACs 101-103 have delivered. Craft 100 was procured and constructed with RD TEN. LCAC 101 was awarded with RD TEN and transferred to SCN for completion. The Detail Design and Construction contract includes options for construction of an additional seven SCN craft, all of which have been awarded (LCAC 102-108). The FY 2017 to FY 2020 Follow-on contract awarded construction of an additional fifteen SCN craft (LCAC 109-123). The contract for LCAC 124-128 awards in FY 2022. Life cycle sustainment for Craft 100 will be funded from this line to provide test and training craft maintenance.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>	Project (Number/Name) 3137 / <i>SSC Construction</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Test & Trng Craft Ship Design	C/CPFF	Various : Various	3.804	0.000		0.000		0.000		-		0.000	0.000	3.804	-
Test & Trng Craft Detail Design/Construction	C/FPIF	Textron : New Orleans, LA	35.762	0.000		0.000		0.000		-		0.000	0.000	35.762	-
Test & Trng Craft Government Furnished Equipment (GFE)	Various	Various : Various	0.260	0.000		0.000		0.000		-		0.000	0.000	0.260	-
Test & Trng Craft Change Orders	C/FPIF	Textron : New Orleans, LA	7.822	0.000		0.000		0.000		-		0.000	0.000	7.822	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	272.356	0.000		0.000		0.000		-		0.000	0.000	272.356	-
Test & Trng Craft Detail Design/Construction	C/FPIF	NSWC-PCD : Panama City, FL	2.746	0.000		0.000		0.000		-		0.000	0.000	2.746	-
Subtotal			322.750	0.000		0.000		0.000		-		0.000	0.000	322.750	N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Test & Trng Craft Studies and Analysis	Various	Various : Various	1.482	0.355	May 2021	0.000		0.000		-		0.000	0.000	1.837	-
Test & Trng Craft Integrated Logistics Support	WR	NSWC-PCD : Various	3.908	0.000		0.000		0.000		-		0.000	0.000	3.908	-
T&T Post Delivery/ Outfitting	Various	SupShip Gulf Coast/ Textron/NSWC-PCD : Various	4.000	0.000		0.000		0.000		-		0.000	0.000	4.000	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	7.571	0.000		0.000		0.000		-		0.000	0.000	7.571	-
Test & Trng Craft Post Shakedown Availability	C/BA	NSWC-PCD : Panama City, FL	0.000	3.245	May 2021	0.500	Nov 2021	0.000		-		0.000	0.000	3.745	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy												Date: April 2022			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)						Project (Number/Name)					
1319 / 5				PE 0605220N / Ship-to-Shore Connector (S SC)						3137 / SSC Construction					
Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Test & Trng Craft Sustainment and Operation	C/BA	NSWC-PCD : Various	0.000	1.500	May 2021	2.260	Nov 2021	1.002	Nov 2022	-		1.002	0.000	4.762	-
Subtotal			16.961	5.100		2.760		1.002		-		1.002	0.000	25.823	N/A
Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Test & Trng Craft Construction Test Program	Various	Various : Various	4.732	0.000		0.000		0.000		-		0.000	0.000	4.732	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	4.268	0.000		0.000		0.000		-		0.000	0.000	4.268	-
Subtotal			9.000	0.000		0.000		0.000		-		0.000	0.000	9.000	N/A
Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Test & Trng Craft Contractor Engineering Support	C/CPFF	CSC/Alion : Washington, DC	2.891	0.000		0.000		0.000		-		0.000	0.000	2.891	-
Travel	Various	Various : Various	0.314	0.000		0.000		0.000		-		0.000	0.000	0.314	-
Test & Trng Craft Government Engineering Support	WR	Various : Various	2.662	0.000		0.000		0.000		-		0.000	0.000	2.662	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	24.788	0.000		0.000		0.000		-		0.000	0.000	24.788	-
Subtotal			30.655	0.000		0.000		0.000		-		0.000	0.000	30.655	N/A

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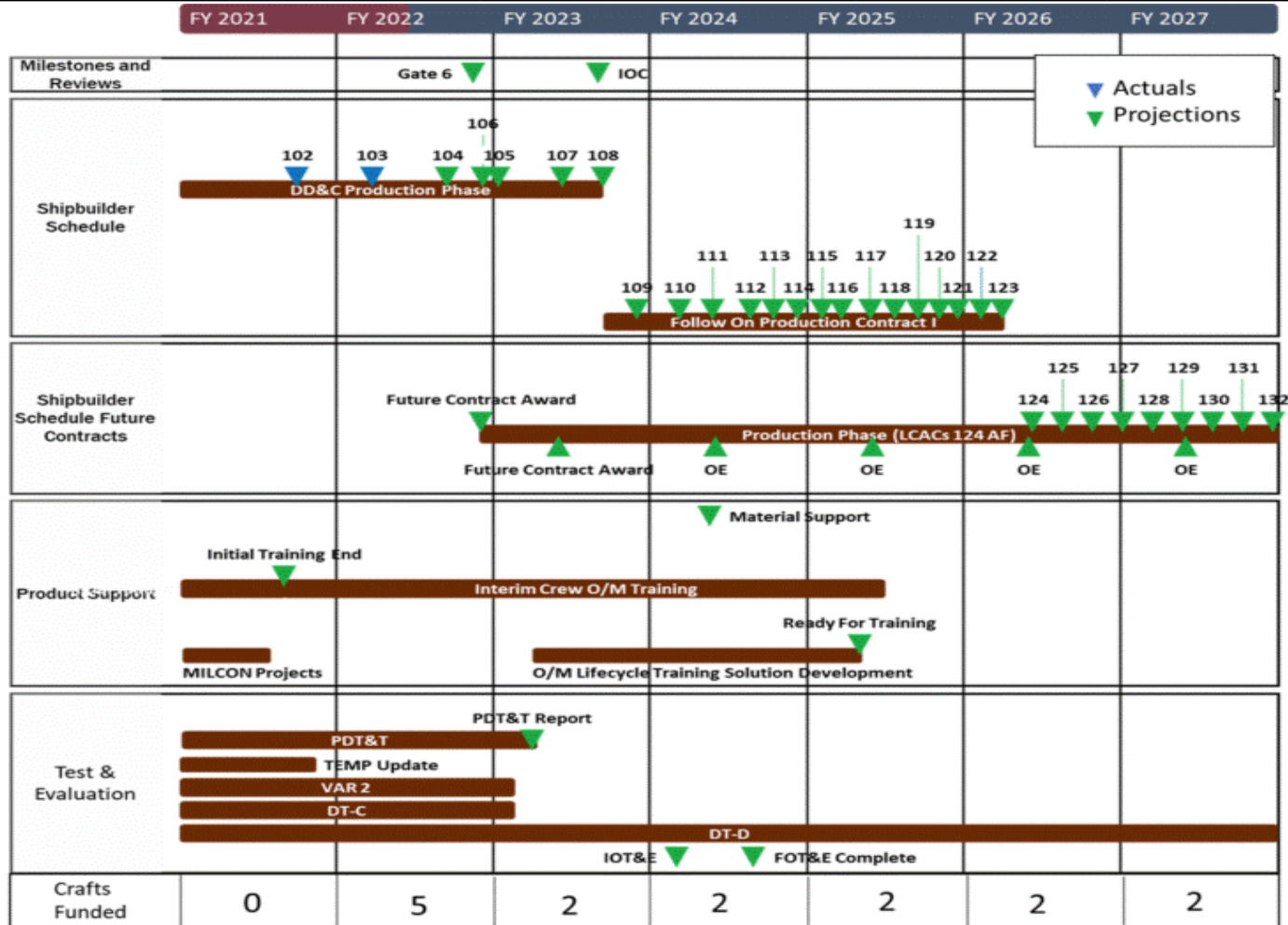
Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy

Date: April 2022

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name)
PE 0605220N / Ship-to-Shore Connector (SSC)

Project (Number/Name)
3137 / SSC Construction



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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>	Project (Number/Name) 3137 / <i>SSC Construction</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3137</i>				
Post Delivery Test and Trials (PDT&T)	1	2021	1	2023
Test and Training Craft Sustainment and Operations	3	2021	4	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	24.122	7.235	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	31.357
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Advanced materials and manufacturing for naval hovercraft applications

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

	FY 2021	FY 2022
<i>Congressional Add:</i> Naval Hovercraft Propulsion Applications	7.235	0.000
<i>FY 2021 Accomplishments:</i> FY 2021 efforts include improved propeller reliability and life, increased maintenance for the prop duct centerbody. These efforts greatly increase the overall operational availability of SSC.		
<i>FY 2022 Plans:</i> FY 2022 efforts include improved propeller reliability and life, increased maintenance for the prop duct centerbody. These efforts greatly increase the overall operational availability of SSC.		
Congressional Adds Subtotals	7.235	0.000

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 2023 Navy **Date:** April 2022

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (SSC)</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Development of Advanced Skirt Material	Various	NAWC AD : LAKEHURST	1.000	0.750	Dec 2021	0.000		0.000		-		0.000	0.000	1.750	-
Development of Advanced Lightweight Material for Air Cushion Vehicles	Various	VARIOUS : VARIOUS	4.300	6.135	Dec 2021	0.000		0.000		-		0.000	0.000	10.435	-
Subtotal			5.300	6.885		0.000		0.000		-		0.000	0.000	12.185	N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Development of Composite Repair Procedure and Techniques for Field Repair	Various	NAWC AD : LAKEHURST	0.751	0.350	May 2022	0.000		0.000		-		0.000	0.000	1.101	-
Subtotal			0.751	0.350		0.000		0.000		-		0.000	0.000	1.101	N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Low Rate Initial Production and Techniques Development for Air Cushion Vehicles	Various	NSWC PCD : VARIOUS	14.071	0.000		0.000		0.000		-		0.000	0.000	14.071	-
Developmental Test & Evaluation	Various	NAWC AD : LAKEHURST	2.000	0.000		0.000		0.000		-		0.000	0.000	2.000	-
Implementation of Advanced, Automated Manufacturing Methods	Various	NSWC PD : VARIOUS	2.000	0.000		0.000		0.000		-		0.000	0.000	2.000	-
Subtotal			18.071	0.000		0.000		0.000		-		0.000	0.000	18.071	N/A

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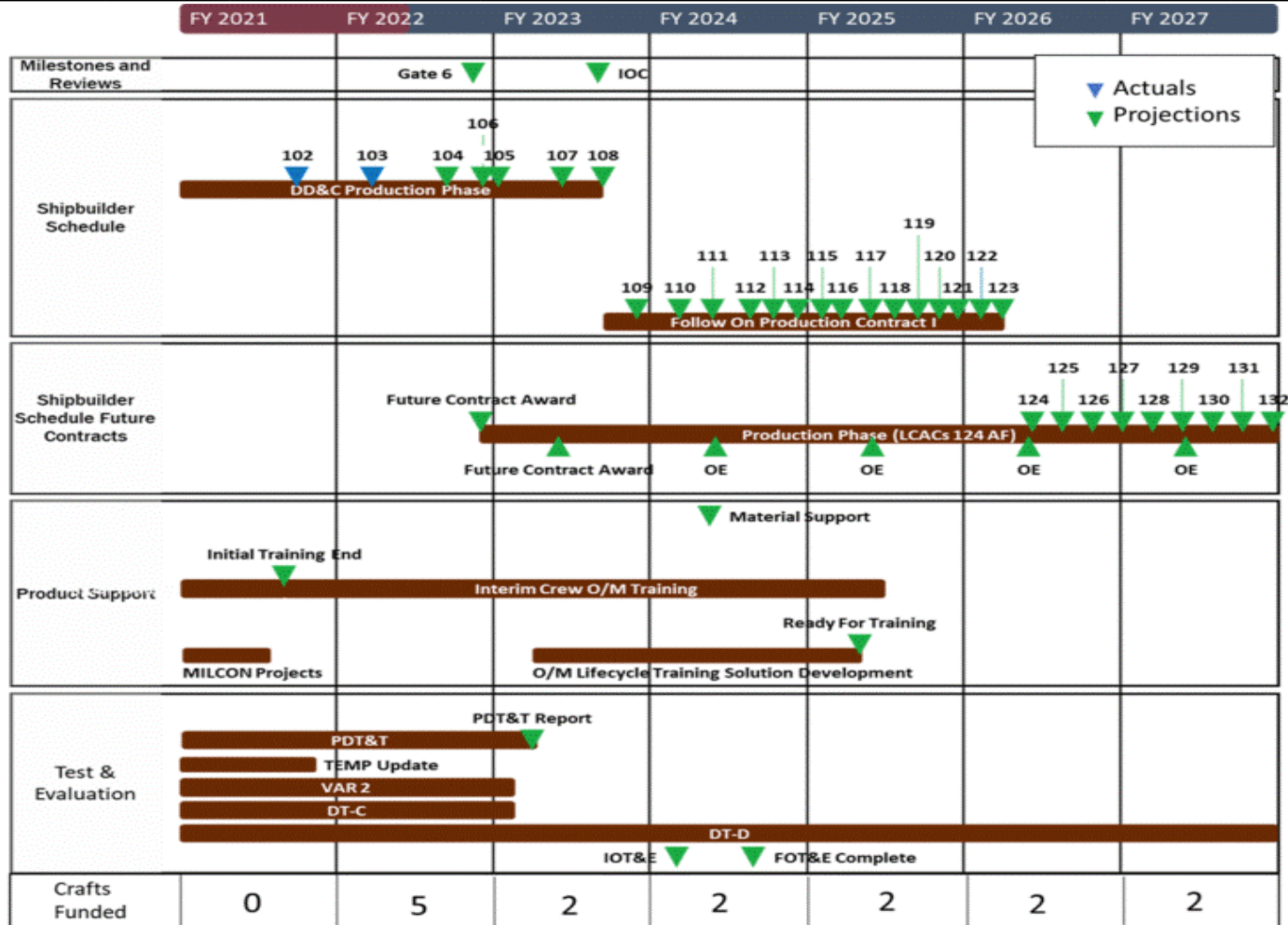
Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy

Date: April 2022

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name)
PE 0605220N / Ship-to-Shore Connector (S
SC)

Project (Number/Name)
9999 / Congressional Adds



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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S SC)</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 9999				
Low Rate Initial Production and Techniques Development for Air Cushion Vehicles	2	2021	3	2022
Development of Composite Repair Procedure and Techniques for Field Repair	2	2021	3	2022
Implementation of Advanced, Automated Manufacturing Methods	2	2021	3	2022
Development of Advanced Skirt Material	2	2021	4	2022
Development of Advanced Lightweight Material for Air Cushion Vehicles	2	2021	4	2022