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

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 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	399.126	19.188	12.632	6.320	-	6.320	-	-	-	-	-	-
3133: <i>Ship to Shore Connectors Contract Design</i>	18.277	1.971	0.000	3.560	-	3.560	-	-	-	-	-	-
3137: <i>SSC Construction</i>	371.198	2.746	5.132	2.760	-	2.760	-	-	-	-	-	-
9999: <i>Congressional Adds</i>	9.651	14.471	7.500	0.000	-	0.000	-	-	-	-	-	-

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

A. Mission Description and Budget Item Justification

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

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.

SSC is an air-cushioned landing craft intended to transport personnel, weapon systems, equipment, and cargo from amphibious vessels to shore in assault and non-assault operations. 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. The SSC program provides the functional replacement for the Landing Craft, Air Cushion (LCAC) craft, including Service Life Extension Program (SLEP) which began to degrade below the Required Operational Capability/Projected Operational Environment (ROC/POE) requirement beginning in 2015. SSC addresses this capability gap.

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

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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B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	19.909	5.155	0.000	-	0.000
Current President's Budget	19.188	12.632	6.320	-	6.320
Total Adjustments	-0.721	7.477	6.320	-	6.320
• Congressional General Reductions	-	-0.023			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	7.500			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.721	0.000			
• Program Adjustments	0.000	0.000	6.400	-	6.400
• Rate/Misc Adjustments	0.000	0.000	-0.080	-	-0.080

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: *Congressional Adds*

Congressional Add: *Advanced materials and manufacturing for naval hovercraft applications*

Congressional Add: *Naval Hovercraft Propulsion Applications*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2020	FY 2021
	14.471	0.000
	0.000	7.500
	14.471	7.500
	14.471	7.500

Change Summary Explanation

FY 2021 was increased by \$7.5 million in the Department of Defense Appropriations Act, 2021 in support of Naval Hovercraft Propulsion Applications.

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

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 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
3133: <i>Ship to Shore Connectors Contract Design</i>	18.277	1.971	0.000	3.560	-	3.560	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: 303

Note

This is a new start effort in FY 2022.

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 LCAC craft, which begin reaching end of extended service life in 2015. For FY15 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 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: Ship to Shore Connectors Contract Design	1.971	0.000	3.560	0.000	3.560
Articles:	-	-	-	-	-
FY 2021 Plans: N/A					
FY 2022 Base Plans: Completion 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. Following PDT&T, funding allows SSC to conduct Initial Operational Test & Evaluation (IOT&E). IOT&E will consist of 19 twelve hour Amphibious Operations to demonstrate operational effectiveness and suitability to support IOC as well as Full Rate Production Decision (FRPD).					
FY 2022 OCO Plans: N/A					
FY 2021 to FY 2022 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S</i> <i>SC)</i>	Project (Number/Name) 3133 / <i>Ship to Shore Connectors Contract</i> <i>Design</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Increase in funding due to facilitate scheduled completion of effort.					
Accomplishments/Planned Programs Subtotals	1.971	0.000	3.560	0.000	3.560

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• RD TEN 3137: <i>SSC Construction</i>	2.746	5.132	2.760	-	2.760	-	-	-	-	-	-

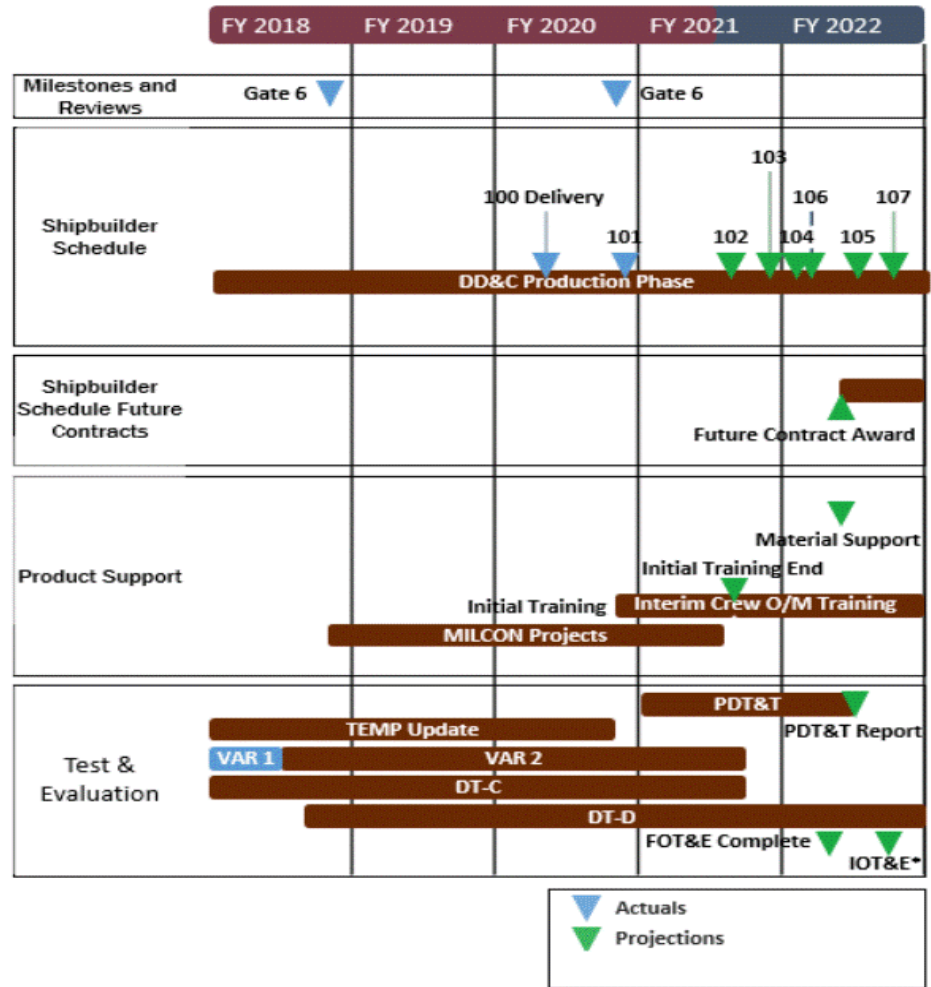
Remarks

D. Acquisition Strategy

The Test and Training craft (Craft 100) and LCAC 101 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 awards construction of an additional fifteen SCN craft (LCAC 109-123).

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S</i> <i>SC)</i>	Project (Number/Name) 3133 / <i>Ship to Shore Connectors Contract</i> <i>Design</i>



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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
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	3	2022
Initial Operational Test and Evaluation (IOT&E)	1	2022	2	2022

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

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 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
3137: <i>SSC Construction</i>	371.198	2.746	5.132	2.760	-	2.760	-	-	-	-	-	-
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. The SSC program provides the functional replacement for the LCAC craft, which began reaching end of extended service life in 2015. Funding for this effort was previously executed under PE 0604567N.

NOTE - The SSC Construction project unit prior year column (FY11-19) total funding is \$371.198 million for the SSC program. In the prior years FY 11-14, the program was funded in PE 0604567N Ship Contract Design/Live Fire T&E. Funds breakout is as follows:

LCAC 100
PE 0604567N 279.863 million FY11-14
PE 0605220N 39.715 million FY15

LCAC 101
PE 0604567N 23.700 million FY13-14

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

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: SSC Construction	2.746	5.132	2.760	0.000	2.760
Articles:	-	-	-	-	-
FY 2021 Plans:					
Continue 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 (Test and Training, T&T, Craft) maintenance support, civilian crew, and craft enhancements. This craft is used to test proposed					

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
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 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
craft changes, Research and Development efforts for LCAC 100 class, and the identification and resolution of maintenance issues. FY 2022 Base 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 100 class, and the identification and resolution of maintenance issues. FY 2022 OCO Plans: N/A FY 2021 to FY 2022 Increase/Decrease Statement: Decrease due to scheduled completion of effort.					
Accomplishments/Planned Programs Subtotals	2.746	5.132	2.760	0.000	2.760

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• RD TEN 3133: <i>Ship to Shore Connectors Contract Design</i>	1.971	0.000	3.560	-	3.560	-	-	-	-	-	-
• SCN 5112: <i>Ship to Shore Connector</i>	65.000	0.000	156.738	-	156.738	-	-	-	-	-	-

Remarks

D. Acquisition Strategy
The Test and Training craft (Craft 100) and LCAC 101 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 awards construction of an additional fifteen SCN craft (LCAC 109-123).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy **Date:** May 2021

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 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	-	-	-
Test & Trng Craft Detail Design/Construction	C/FPIF	Textron : New Orleans, LA	35.762	0.000		0.000		0.000		-		0.000	-	-	-
Test & Trng Craft Government Furnished Equipment (GFE)	Various	Various : Various	0.260	0.000		0.000		0.000		-		0.000	-	-	-
Test & Trng Craft Change Orders	C/FPIF	Textron : New Orleans, LA	7.822	0.000		0.000		0.000		-		0.000	-	-	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	272.356	0.000		0.000		0.000		-		0.000	-	-	-
Test & Trng Craft Detail Design/Construction	C/FPIF	NSWC-PCD : Panama City, FL	0.000	2.746	Oct 2020	0.000		0.000		-		0.000	-	-	-
Subtotal			320.004	2.746		0.000		0.000		-		0.000	-	-	N/A

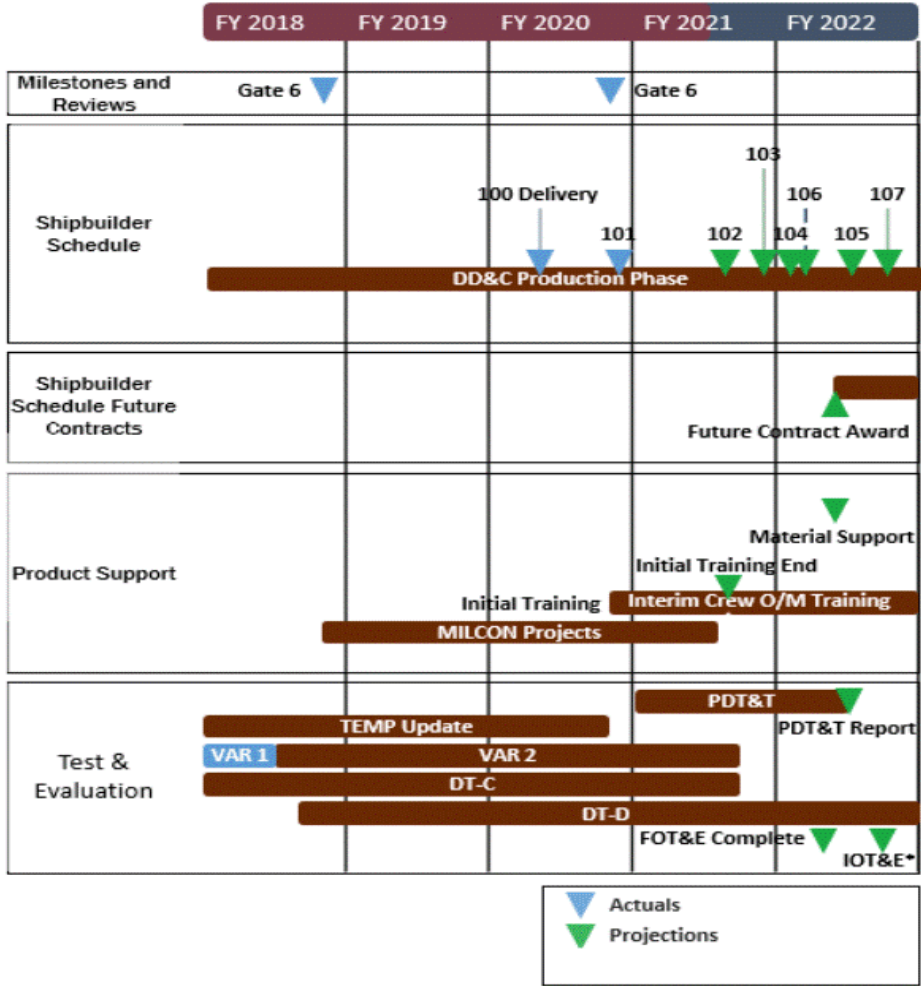
Support (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test & Trng Craft Studies and Analysis	Various	Various : Various	1.482	0.000		0.355	Mar 2021	0.000		-		0.000	-	-	-
Test & Trng Craft Integrated Logistics Support	WR	NSWC-PCD : Various	3.908	0.000		0.000		0.000		-		0.000	-	-	-
T&T Post Delivery/ Outfitting	Various	SupShip Gulf Coast/ Textron/NSWC-PCD : Various	4.000	0.000		0.000		0.000		-		0.000	-	-	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	6.149	0.000		0.000		0.000		-		0.000	-	-	-
Test & Trng Craft Post Shakedown Availability	C/BA	NSWC-PCD : Panama City, FL	0.000	0.000		3.277	May 2021	0.500	Oct 2021	-		0.500	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy												Date: May 2021			
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 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	0.000		1.500	May 2021	2.260	Oct 2021	-		2.260	-	-	-
Subtotal			15.539	0.000		5.132		2.760		-		2.760	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	-	-	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	2.268	0.000		0.000		0.000		-		0.000	-	-	-
Subtotal			7.000	0.000		0.000		0.000		-		0.000	-	-	N/A
Management Services (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	-	-	-
Travel	Various	Various : Various	0.314	0.000		0.000		0.000		-		0.000	-	-	-
Test & Trng Craft Government Engineering Support	WR	Various : Various	2.662	0.000		0.000		0.000		-		0.000	-	-	-
Prior Year - PE 0604567N	Various	Not Specified : Not Specified	22.788	0.000		0.000		0.000		-		0.000	-	-	-
Subtotal			28.655	0.000		0.000		0.000		-		0.000	-	-	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
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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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
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>

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	3	2022
Craft 100 Sustainment	3	2021	4	2022

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

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>			
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
9999: <i>Congressional Adds</i>	9.651	14.471	7.500	0.000	-	0.000	-	-	-	-	-	-
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 2020	FY 2021
Congressional Add: Advanced materials and manufacturing for naval hovercraft applications	14.471	0.000
FY 2020 Accomplishments: N/A		
FY 2021 Plans: N/A		
Congressional Add: Naval Hovercraft Propulsion Applications	0.000	7.500
FY 2020 Accomplishments: N/A		
FY 2021 Plans: 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.		
Congressional Adds Subtotals	14.471	7.500

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 2022 Navy **Date:** May 2021

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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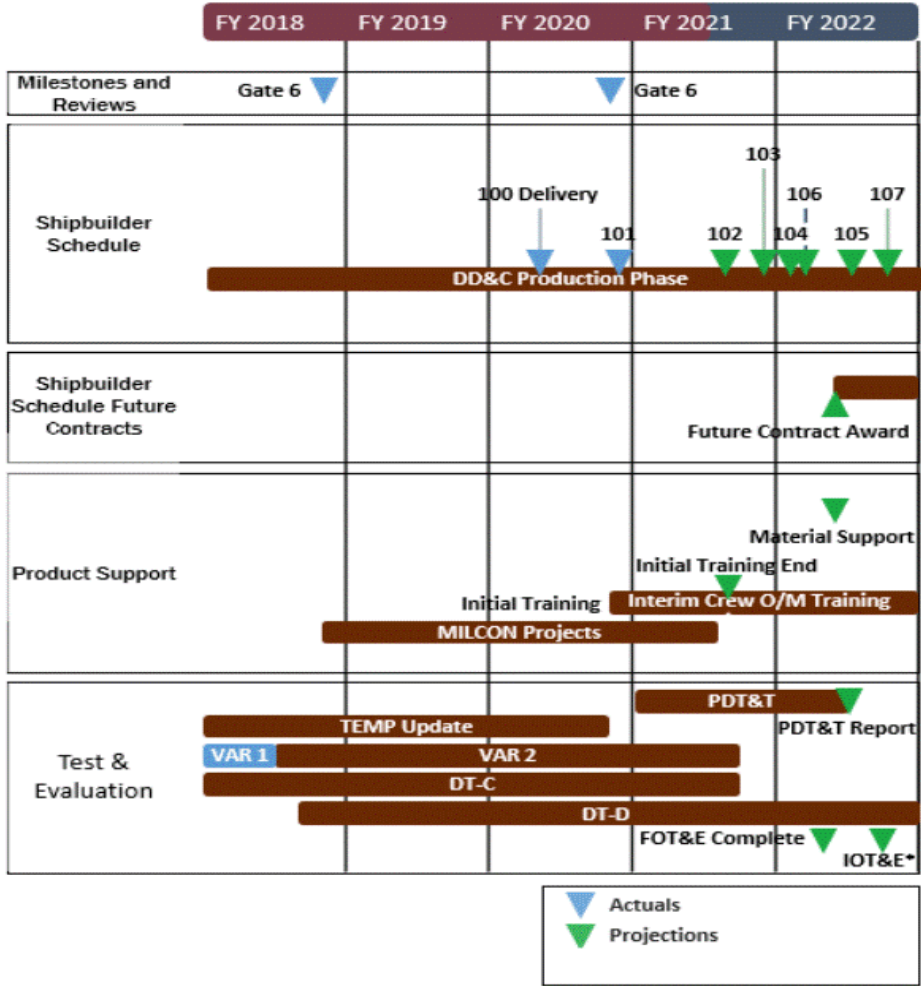
Product Development (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Development of Advanced Skirt Material	Various	NAWC AD : LAKEHURST	0.000	1.000	May 2020	0.750	May 2021	0.000		-		0.000	-	-	-
Development of Advanced Lightweight Material for Air Cushion Vehicles	Various	VARIOUS : VARIOUS	0.000	4.300	Mar 2020	6.400	Aug 2021	0.000		-		0.000	-	-	-
Subtotal			0.000	5.300		7.150		0.000		-		0.000	-	-	N/A

Support (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	0.251	0.500	May 2020	0.350	May 2021	0.000		-		0.000	-	-	-
Subtotal			0.251	0.500		0.350		0.000		-		0.000	-	-	N/A

Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	7.400	6.671	May 2020	0.000		0.000		-		0.000	-	-	-
Developmental Test & Evaluation	Various	NAWC AD : LAKEHURST	2.000	0.000		0.000		0.000		-		0.000	-	-	-
Implementation of Advanced, Automated Manufacturing Methods	Various	NSWC PD : VARIOUS	0.000	2.000	Oct 2020	0.000		0.000		-		0.000	-	-	-
Subtotal			9.400	8.671		0.000		0.000		-		0.000	-	-	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605220N / <i>Ship-to-Shore Connector (S</i> SC)	Project (Number/Name) 9999 / <i>Congressional Adds</i>



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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
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	3	2020	3	2022
Development of Composite Repair Procedure and Techniques for Field Repair	3	2020	3	2022
Implementation of Advanced, Automated Manufacturing Methods	3	2020	1	2022
Development of Advanced Skirt Material	3	2020	4	2022
Development of Advanced Lightweight Material for Air Cushion Vehicles	2	2020	4	2022