Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0304785N *I ISR & INFO OPERATIONS*							
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
Total Program Element	720.565	139.442	174.271	188.392	-	188.392	191.140	187.784	188.128	193.379	Continuing	Continuing
2134: *Shipboard IW Exploit*	556.346	76.293	103.829	120.971	-	120.971	122.632	118.588	117.493	121.237	Continuing	Continuing
2174: *Intelligence Carry-On Program (ICOP)*	1.820	0.663	0.681	0.665	-	0.665	0.687	0.700	0.715	0.730	Continuing	Continuing
2227: *Distributed Common Ground System (DCGS-N) Inc 2*	95.914	29.335	31.322	29.547	-	29.547	31.022	31.577	32.219	32.907	327.060	640.903
2351: *MDA*	7.846	9.411	3.269	3.028	-	3.028	3.124	3.159	3.224	3.292	Continuing	Continuing
2363: *Remote Sensing Capability Development*	0.000	0.000	4.801	3.820	-	3.820	3.956	4.039	4.136	4.239	Continuing	Continuing
3091: *Advanced Cryptological Sys Eng (CCOP)*	13.511	4.853	8.109	7.997	-	7.997	8.440	8.749	8.947	9.132	Continuing	Continuing
3786: *Tactical Edge Targeting*	45.128	18.887	22.260	22.364	-	22.364	21.279	20.972	21.394	21.842	Continuing	Continuing

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): M464

A. Mission Description and Budget Item Justification

The Tactical Cryptologic Systems in this budget will implement digital system-of-systems engineering by using tools such as Model Based System Engineering (MBSE) and Digital Twins to create adaptable digital models to optimize system engineering from design, development and testing to operations and sustainment. Programs will use Development, Security and Operations (DevSecOps) processes for continuous development, integration, testing and deployment, along with common platform services such as Agile Core Services (ACS), for faster fielding of capability. Overall program development efforts include the investigation of emerging technologies through study, development and associated testing for feasibility of program insertion.

The Shipboard Information Warfare (IW) Exploit project consists of the Ship's Signal Exploitation Equipment (SSEE) Increment F (and variants), SSEE Modifications, Spectral, Integrated Communications and Data Systems (ICADS) Increment II, ICADS Increment III, Horizon, Distributed Operations (DO), and Advanced IW Antennas. These programs are classified Information Warfare/Electronic Warfare (IW/EW) tactical cryptologic systems supporting Command and Control, Battlespace Awareness, Electromagnetic Maneuver Warfare/Integrated Fires (EMW/IF) modes of global engagement. The systems enable power projection at the strategic level and operate in any environment including communications challenged situations across the globe. They provide maritime Signals Intelligence (SIGINT) and offensive Electronic Warfare (EW) capabilities at the tactical level, ensuring surface vessels' ability to disrupt, deny, degrade and defeat adversary (state and non-state) use of the radio frequency spectrum while simultaneously providing advanced Information Related Capabilities (IRC) to maritime warfighters. The SSEE Family of Systems (FoS) detects adversary radio frequency emissions and uses them to provide critical tactical and strategic intelligence, situational awareness, and hostile threat assessment depriving the adversary of enhanced signals exploitation capability and limiting their ability to counterstrike. The systems are managed as incremental acquisition programs

designed to pace adversary communications technology development by using Research, Development, Test and Evaluation (RDT&E) funding to rapidly develop and transition new technologies and to provide new capabilities as Pre-Planned Product Improvement (P3I) upgrades to the systems' hardware/software configuration. These upgrades focus on developing and delivering expanded offensive IW/EW and future Cyberspace capabilities in accordance with Presidential direction and in support of multiple Operational Plans (OPLANS).

The details of the ICADS and Horizon sub-projects are classified SECRET and are submitted annually to Congress in the classified budget justification books.

Distributed Common Ground System (DCGS) is a cooperative effort between the services, agencies, and the DoD to provide systems capable of receiving, processing, exploiting, and disseminating data from airborne and national reconnaissance platforms. DCGS - Navy (DCGS-N) is the Navy instance of the Under Secretary of Defense, Intelligence (USD (I)) DCGS FoS. DCGS-N system fulfills a critical mission set Afloat and Ashore. DCGS-N processes and exploits tactical and Imagery Intelligence (IMINT) and SIGINT, facilitates precision target geopositioning, mensuration, and imagery capabilities, integrates national IMINT requirements and processing capabilities from the National Geospatial-Intelligence Agency (NGA), and shares Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) and Command and Control information via the DCGS Integration Backbone (DIB), Defense Intelligence Information Enterprise (DI2E), and Net-Centric Enterprise Services (NCES) standards with a wide range of customers. The DCGS-N program conducts research and assessments of tactically relevant, emerging technologies program insertion to ensure superiority in the intelligence domain.

Intelligence Carry-On Program (ICOP) provides Indications and Warnings (I&W), battlespace awareness/visualization, pattern of life analysis, Full-Motion Video (FMV) and Intelligence Surveillance and Reconnaissance (ISR) Processing, Exploitation and Dissemination (PED) capabilities in support of Unit-Level Navy surface (CG, DDG, and LPD classes) and expeditionary operations. The ICOP system includes a three-eyed ruggedized workstation that serves as a powerful afloat edge computing device that is capable of operating on all three security domains (NIPR, SIPR and JWICs) and an antenna/receiver set (called Communications Module 3 - CM3) that is used to ingest, process and exploit airborne sensor data. In addition to supporting multi-intelligence capabilities, ICOP/CM3 provides an end-to-end ISR PED architecture that includes processing organic shipboard camera systems to support Navy-wide Operational Task (OPTASK) Visual Information (Strategic Communications - "First to the Truth," pattern of life analysis and use of force/rules of engagement decisions).

The Maritime Domain Awareness (MDA) project is a portfolio of partnerships that leverages the investments of other agencies in MDA tools and data, and funds the enhancement of those tools to meet Navy requirements for worldwide over-the-horizon vessel tracking and vessel data in support of DCGS-N, Navy Tactical Data Manager (NTDM) and Automated Information System (AIS) program. The MDA project manages the partnership with the Department of Transportation to leverage the Maritime Safety and Security Information System (MSSIS) and SeaVision, a non-Public Key Infrastructure (PKI) information sharing tool used by United States Indo-Pacific Command (INDOPACOM), European Command (EUCOM), Africa Command (AFRICOM), other USG agencies, and foreign partner nations to increase maritime security by sharing information. SeaVision is primarily accessed through a web front end where users can visualize tracks and run a growing set of analytics. SeaVision also has Application Programming Interfaces (APIs) for machine-to-machine data exchange with authorized systems including the Navy's AIS. The MDA project manages the partnership with the National Reconnaissance Office (NRO) to leverage the THRESHER system, which provides over-the-horizon vessel tracking and analysis tools. The MDA project is working with NRO to enhance THRESHER Maritime capabilities to improve the correlated and fused track feed over the Integrated Broadcast Service, which provides a track picture to IC systems including Fusion Analysis and Development Effort (FADE) Multi-Intelligence Spatial Temporal (MIST) and to improve the analytics provided by the THRESHER web front end on both JWICS and SIPR net.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
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Remote Sensing Capability Development (RSCD) project provides enhanced remote sensing capability to the Fleet to discriminate oceanographic phenomenon from the natural environment. This is achieved by automating tools for tasking, analysis, and dissemination of oceanographic data to increase coverage area, reduce timelines, and decrease analyst workload.

The Cryptologic Carry-on Program (CCOP) rapidly develops augmented Signals Intelligence (SIGINT) capabilities in response to Combatant Command requirements by fielding quick-reaction surface, subsurface, and airborne cryptologic carry-on capabilities. There are approximately ~124 cryptologic capable surface ships and shore sites in the current Navy inventory; each of these is a potential user of this carry-on equipment, depending on deployment schedules and tempo of operations. In addition, numerous other Naval and Coast Guard platforms serve as potential users.

The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	135.252	174.271	179.713	-	179.713
Current President's Budget	139.442	174.271	188.392	-	188.392
Total Adjustments	4.190	0.000	8.679	-	8.679
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	4.190	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	8.736	-	8.736
• Rate/Misc Adjustments	0.000	0.000	-0.057	-	-0.057

Change Summary Explanation

Funding:
The FY 2025 increase since the previous President's Budget submission is associated with Navy Classified Program X25.7 development, procurement, and integration.

TECHNICAL:

- Advanced Information Warfare Antennas Program (Project 2134) is not a new start; funding previously covered under Spectral and now broken out in FY25 to provide greater visibility and alignment with this increase in capability. Funding is to support the development and engineering for Spectral's Advanced RF solutions to enable execution of full functionality and scope of Spectral requirements.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0304785N *I ISR & INFO OPERATIONS*

- Remote Sensing Capability Development (RSCD) Program (Project 2363) has been realigned from PE 0604231N to PE 0304785N starting in FY24; RSCD is a Military Intelligence Program (MIP), which aligns to PE 0304785N.

SCHEDULE:

Project 2134: ICADS
- The details of the ICADS sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

Project 2134: Horizon and Distributed Ops
- The details of the Horizon sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

Project 2134: Spectral
- Completion of PRA Ashore and PRA Afloat shifted to Q4FY24 and Q1FY25, respectively, due to Prime Mission Product (PMP) contract award delay to May 2023. To ensure schedule viability, Spectral and PMP vendor adopted Risk Mitigation Development efforts to address critical requirements; phased higher-risk new antenna development to later FCR-1 and FCR-2; implemented flexible development approaches to enable concurrent PRA development and testing; using the two PRA systems to conduct test events in parallel as Development Testing (DT); and a reduction in planned afloat installation timeline for the Operational Assessment due to increased system modularity.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*				Project (Number/Name) 2134 / *Shipboard IW Exploit*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
2134: *Shipboard IW Exploit*	556.346	76.293	103.829	120.971	-	120.971	122.632	118.588	117.493	121.237	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Shipboard Information Warfare (IW) programs are classified Information Warfare/Electronic Warfare (IW/EW) tactical cryptologic systems supporting all facets of Assured Command and Control, Battlespace Awareness, and Electromagnetic Maneuver Warfare/Integrated Fires (EMW/IF) modes of global engagement. These programs provide both Carrier and Expeditionary Strike Group combatant commanders with real-time indications and warnings (I&W) through acquisition ("Find") and localization ("Fix") of Signals of Interest (SOIs) as well as the Surface Fleet's only EW non-kinetic capabilities ("Finish"). As incremental acquisition programs, Research, Development, Test and Evaluation (RDT&E) funding is required to: rapidly develop and integrate new technologies and associated new operational capabilities to pace both known and future signal threats and transition Pre-Planned Product Improvement (P3I) upgrades to the systems' hardware/software configuration; and deliver upgrades to fielded systems to satisfy Fleet requirements. Program funding incorporates P3I, new Commercial-Off-The-Shelf (COTS) or Government-Off-the-Shelf (GOTS) based technologies and software into the existing systems to address Fleet priorities and capability gaps or to combat known threats. Funding focuses on developing and delivering expanded non-kinetic EW capabilities and net-centric Service Oriented Architecture (SOA) to meet intended interoperability objectives through Fleet defined Common Core Architectures (CCA) to enable application hosting services. Capability development is in accordance with Presidential direction and strategic objectives while also supporting multiple Operational Plans (OPLANS), Concepts of Operations (CONOPS), and communications challenged or Anti-Access Area Denial (A2AD) scenarios (further details held at a higher classification level). Ship's Signal Exploitation Equipment (SSEE) Family of Systems (FoS) will continue development and integration of capabilities which can operate in communication challenged environments for the SSEE Increment F, SSEE Modifications, and Spectral systems. Funding will bring enhanced signals exploitation and expanded SOIs processing capabilities to fielded systems and supports development and integration efforts to fuse data produced and distributed by Shipboard IW/Information Operations (IO) systems with other intelligence data at multiple classification levels to provide data to shipboard combat systems to support kinetic and non-kinetic fires. Data fusion can also be used to enable a more complete understanding and more agile and effective exploitation within the electromagnetic spectrum.

SSEE Increment F (and its variants) is the primary, currently fielded system providing full-scope, simultaneous capability, while system variants bring a new dimension of afloat Signals Intelligence (SIGINT) capabilities with advanced scalability and modularity for mission planners to execute.

SSEE Modifications is a classified tactical signals intelligence frequency extension capability integrated with the SSEE Increment F host system and is broken into two major components: Paragon, which provides simultaneous detection, collection, processing, IO, and display of communication intelligence data from hostile, high threat, and adversary platforms in select frequency ranges not prosecuted or countered with the host system; and the Graywing subsystem which is an advanced common data link with SSEE Increment F systems.

Spectral is the Navy's next-generation Signals Intelligence (SIGINT), Electromagnetic Maneuver Warfare (EMW), and Information Operations (IO) weapons system enabling both maritime IW/EW for both Naval Carrier and Expeditionary Strike Group operations. Spectral's primary objective is to provide our Navy's operators with the most capable Radio Frequency (RF) SIGINT collection and exploitation weapons system available to support the widest range of maritime strategic and tactical mission areas, including Indications and Warnings (I&W), targeting, and ship's self defense. Spectral provides scalable, mission configurable, and modular capabilities using a

common user interface through an open software architecture to allow rapid integration and deployment of special use capabilities satisfying Navy and Joint maritime intelligence requirements beyond what existing systems can provide.

The Advanced IW Aperture program will develop and procure advanced Information Warfare (IW) antennas to enable needed/relevant maritime, surface Information Operations (e.g., Electronic Warfare (EW), Electronic Attack (EA), Signals Intelligence (SIGINT)) for Ship's Signal Exploitation Equipment (SSEE) Increment F and Modifications, Spectral, and other IW programs held at higher classification. Operating in set frequency bands, existing antennas are not sufficient to pace emerging technologies and weapons systems utilizing the Radio Frequency spectrum that pose a threat to U.S. Surface Navy platforms and their intended mission.

The details of the ICADS and Horizon sub-projects are classified SECRET and are submitted annually to Congress in the classified budget justification books.

In FY 2025, SSEE Increment F will continue P3I and software development to provide enhanced capabilities into the SSEE Increment F system and its variants by continuing to develop, refine, and test new cyber capabilities. These unexplored and unexploited capabilities are in alignment with Joint and service level cryptologic requirements. These include, but are not limited to, advanced Medusa applications and techniques, signal collection and exploitation capabilities through added signal processing capacity and data flows (details held at higher classification), capability drop packages to deliver capability to the Fleet. Develop and deliver SIGINT and EW capabilities based upon the warfighter identified FY 2025 SOIs threats (updated annually) for integration into the SSEE Increment F systems (including its variants) and deliver as required to meet Fleet requirements. Complete the architecture, network performance specifications, and hosting environment to bring NSAnet afloat to all Naval platforms by deploying Navy Tactical Data Network (NTDN) while applying national cybersecurity standards and initiatives to bring advanced inter-strike group network capabilities able to operate in any environment while continuing to integrate cryptologic systems with shipboard combat systems for tightly coupled mission execution across the Navy.

In FY 2025, SSEE Modifications will continue hardware and software development to bring advanced capabilities to the Fleet for simultaneous detection, collection, processing, electronic warfare and display of communication intelligence data from hostile, high threat and adversary platforms in select extended frequency ranges not prosecuted today. Begin software development for recurring software releases for Graywing Gen 3 to provide updates to pace the relevant signal threat.

In FY 2025, Spectral will complete development of the PRA Afloat system in support of testing events and system certification and continue the delivery of capability drops to SSEE FoS. Complete Developmental Testing (DT) of PRA systems to support a Limited Deployment Decision/Milestone C. Spectral will conduct an Operational Assessment (OA) to support a Limited Deployment Decision/Milestone C using PRA Afloat system. Improvements in system modularity will reduce the afloat installation timeline from approximately five months to three months, allowing OA to occur closer to PRA Afloat delivery. Complete the CI/CD pipeline to improve modularity, automation, and remote delivery for future capability drops which will improve overall installation efficiency. Complete virtual software development environment for enhanced configuration management through Web-based services and applications for a robust, open, modular software development environment. Complete Risk Management Framework (RMF) and associated cybersecurity testing to receive an Authorization to Operate (ATO) using the PRA Ashore system. Spectral will complete Requirements Definition Package #1 and begin implementation of design changes for Fleet Capability Release #1.

In FY 2025, Advanced IW Antennas is not a new start; funding previously covered under Spectral and now broken out to provide greater visibility and alignment with this increase in capability. Continue development and engineering for Spectral's Advanced RF aperture solutions including an Active Electronically Steered Array (AESA) antenna and continue engineering design efforts for new topside maritime antennas to enable execution of full functionality and scope of Spectral requirements. These

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

improvements are targeted for Fleet Capability Releases #1 and #2 and will not be included with PRA systems. Advanced IW Antennas will begin development of the High Gain, Narrow Band (HGNB) antenna, a satellite communications (SATCOM) antenna with simultaneous Ku/Ka dual-band capability. Begin the New Graywing Antenna Development (NewGRAD), a hemi broadband antenna required to meet Graywing mission requirements and providing Super High Frequency (SHF) direction finding capability. Begin integration with Surface Electronic Warfare Improvement Program (SEWIP), which will make Spectral interoperable with SEWIP to enable the systems to utilize each other's antennas, increasing the frequency range available to both systems. Begin development of the Actively Steered Electronic Array (AESA), an antenna providing simultaneous transmit and receive capability across a broad frequency range with high Effective Isotropic Radiated Power (EIRP) and gain-to-noise temperature.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Ship's Signal Exploitation Equipment Inc F (SSEE Inc F)	6.496	4.932	3.536	0.000	3.536
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue P3I and software development to provide enhanced capabilities into the SSEE Increment F system and its variants by continuing to develop, refine, and test new, unexplored and unexploited cyber capabilities in alignment with Joint and service level cryptologic requirements. These include, but are not limited to future Medusa increments and techniques, signal collection and exploitation capabilities through added signal processing capacity and data flows (details held at higher classification), capability drop packages to deliver capability to the Fleet. - Develop and deliver SIGINT and EW capabilities based upon the warfighter identified FY 2024 SOIs threats (updated annually) for integration into the SSEE Increment F systems (including its variants) and deliver as required to meet Fleet requirements. - Continue the architecture, network performance specifications, and hosting environment to bring NSAnet afloat to all Naval platforms by deploying NTDN while applying national cybersecurity standards and initiatives to bring advanced inter-strike group network capabilities able to operate in any environment while continuing to integrate cryptologic systems with shipboard combat systems for tightly coupled mission execution across the Navy.					
FY 2025 Base Plans: - Continue P3I and software development to provide enhanced capabilities into the SSEE Increment F system and its variants by continuing to develop, refine, and test new cyber capabilities. These unexplored and unexploited capabilities are in alignment with Joint and service level cryptologic requirements. These include, but are not limited to, advanced Medusa applications and techniques, signal collection and exploitation capabilities through added signal processing capacity and data flows (details held at higher classification), capability drop packages to deliver capability to the Fleet. - Develop and deliver SIGINT and EW capabilities based upon the warfighter-identified FY 2025 SOIs threats (updated annually) for integration into the SSEE Increment F systems (including its variants) and deliver as required to meet Fleet requirements.					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Complete the architecture, network performance specifications, and hosting environment to bring NSAnet afloat to all Naval platforms by deploying NTDN while applying national cybersecurity standards and initiatives to bring advanced inter-strike group network capabilities able to operate in any environment while continuing to integrate cryptologic systems with shipboard combat systems for tightly coupled mission execution across the Navy. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Ship's Signal Exploitation Equipment Inc F (SSEE Inc F) FY 2024 to FY 2025 decrease (-$1.396M) due to the completion of development and delivery of two SIGINT and EW capabilities (Spindrifter and Downspout) based upon the warfighter- identified SOI threats and completion of architecture, performance specifications, and hosting environment of NSA Afloat Capability.					
Title: Spectral	42.921	49.021	52.321	0.000	52.321
Articles:	-	-	-	-	-
FY 2024 Plans: - Complete development of the PRA Ashore system in support of testing events and system certification and continue the delivery of capability drops to SSEE FoS. - Continue development efforts to update and deliver new and enhanced mission modules (including Combat System Integration modules) to capture modern signal sets (e.g., complex wider bandwidth, shorter duration, low probability of detect/low probability of intercept) which will be incrementally delivered to the Fleet through capability drops. - Continue to build the continuous integration/continuous delivery (CI/CD) pipeline to improve modularity, automation, and remote delivery for future capability drops which will improve overall installation efficiency. - Continue virtual software development environment for enhanced configuration management through Web-based services and applications for a robust, open, modular software development environment. - Continue development and engineering for Spectral's Advanced RF aperture solutions and AESA topside and execute engineering design in topside maritime antennas to enable execution of full functionality and scope of Spectral requirements. - Complete development activities to support combat systems integration with the Surface Electronic Warfare Improvement Program (SEWIP). - Commence Developmental Testing (DT), including cybersecurity testing, of PRA systems to support a Limited Deployment Decision/Milestone C in FY25. Quarterly incremental Factory Acceptance Tests (FAT) will begin as early as Q1FY24 to validate system functionality as production progresses. Formal DT will begin in Q4FY24					

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
with a Government-led Reliability Test and a Government-witnessed Production Acceptance Test (PAT). Upon PRA acceptance, the contractor will conduct a final Government-witnessed FAT (via Integrated Test). The length of IT is reduced from approximately three months to three weeks due to previous incremental FATs and test automation inclusive of the test continuum strategy. ***FY 2025 Base Plans:*** - Complete development of the PRA Afloat system in support of testing events and system certification and continue the delivery of capability drops to SSEE FoS. - Complete Developmental Testing (DT) of PRA systems to support a Limited Deployment Decision/Milestone C. - Conduct an Operational Assessment (OA) to support a Limited Deployment Decision/Milestone C using PRA Afloat system. Improvements in system modularity will reduce the afloat installation timeline from approximately five months to three months, allowing OA to occur closer to PRA Afloat delivery. - Complete the CI/CD pipeline to improve modularity, automation, and remote delivery for future capability drops which will improve overall installation efficiency. - Complete virtual software development environment for enhanced configuration management through Web-based services and applications for a robust, open, modular software development environment. - Complete Risk Management Framework (RMF) and associated cybersecurity testing to receive an Authorization to Operate (ATO) using the PRA Ashore system. - Complete Requirements Definition Package #1 and begin implementation of design changes for Fleet Capability Release #1. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Spectral FY 2024 to FY 2025 increase (+$3.300M) to conduct Developmental Testing (DT) and Operational Assessment (OA) of PRA systems to support a Limited Deployment Decision/Milestone C.					
Title: Ship's Signal Exploitation Equipment Modifications (SSEE Modifications)	1.016	0.535	0.347	0.000	0.347
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue hardware and software development to bring advanced capabilities to the Fleet for simultaneous detection, collection, processing, electronic warfare and display of communication intelligence data from hostile, high threat and adversary platforms in select extended frequency ranges not prosecuted today. ***FY 2025 Base Plans:***					

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Continue hardware and software development to bring advanced capabilities to the Fleet for simultaneous detection, collection, processing, electronic warfare and display of communication intelligence data from hostile, high threat and adversary platforms in select extended frequency ranges not prosecuted today. - Begin software development for recurring software releases for Graywing Gen 3 to provide updates to pace the relevant signal threat. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Ship's Signal Exploitation Equipment Modifications (SSEE Modifications) FY 2024 to FY 2025 decrease (-$0.188M) attributed to the completion of software development associated with FRP system production.					
Title: Horizon and Distributed Operations (DO)	24.780	24.434	18.857	0.000	18.857
Articles:	-	-	-	-	-
FY 2024 Plans: The details of the Horizon and Distributed Operations (DO) sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books. ***FY 2025 Base Plans:*** The details of the Horizon and Distributed Operations (DO) sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The details of the Horizon and Distributed Operations (DO) sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books.					
Title: Integrated Communications and Data Systems Increment II (ICADS Inc II)	1.080	24.907	24.310	0.000	24.310
Articles:	-	-	-	-	-
FY 2024 Plans: The details of the ICADS sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books. ***FY 2025 Base Plans:***					

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
The details of the ICADS sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The details of the ICADS sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books.					
Title: Advanced Information Warfare Antennas	0.000	0.000	21.600	0.000	21.600
Articles:	-	-	-	-	-
FY 2024 Plans: N/A ***FY 2025 Base Plans:*** - This program is not a new start; funding previously covered under Spectral and now broken out to provide greater visibility and alignment with this increase in capability. - Continue development and engineering for Spectral's Advanced RF aperture solutions including an Active Electronically Steered Array (AESA) antenna and continue engineering design efforts for new topside maritime antennas to enable execution of full functionality and scope of Spectral requirements. These improvements are targeted for Fleet Capability Releases #1 and #2 and will not be included with PRA systems. - Begin development of the High Gain, Narrow Band (HGNB) antenna, a satellite communications (SATCOM) antenna with simultaneous Ku/Ka dual-band capability. - Begin the New Graywing Antenna Development (NewGRAD), a hemi broadband antenna required to meet Graywing mission requirements and providing Super High Frequency (SHF) direction finding capability. - Begin integration with Surface Electronic Warfare Improvement Program (SEWIP), which will make Spectral interoperable with SEWIP to enable the systems to utilize each other's antennas, increasing the frequency range available to both systems. - Begin development of the Actively Steered Electronic Array (AESA), an antenna providing simultaneous transmit and receive capability across a broad frequency range with high Effective Isotropic Radiated Power (EIRP) and gain-to-noise temperature. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:***					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Advanced IW Antennas FY 2024 to FY 2025 increase (+$21.600M) increase attributed to realignment of funding from Spectral to Advanced IW Antennas plans to support development and engineering for Spectral's Advanced RF solutions to enable execution of full functionality and scope of Spectral requirements.					
Accomplishments/Planned Programs Subtotals	76.293	103.829	120.971	0.000	120.971

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• OPN / 2360: *Shipboard IW Exploit*	289.972	379.230	362.099	-	362.099	391.730	442.440	476.080	487.689	Continuing	Continuing

Remarks

D. Acquisition Strategy

The Shipboard Information Warfare (IW) family of systems are incremental acquisition programs, which are required to rapidly develop and integrate new technologies and associated new operational capabilities to pace both known and future signal threats. They also transition Pre-Planned Product Improvement (P3I) upgrades into the system's open systems architecture hardware/software configuration and deliver to fielded systems as required to satisfy Fleet needs. Program funding incorporates P3I, new Commercial-Off-The-Shelf (COTS) or Government-Off-the-Shelf (GOTS) technologies, and software into the existing systems to address Fleet priorities and capability gaps or to combat known threats. Programs utilize various competitive multiple award and single source contract indefinite delivery, indefinite quantity contracts including Prime Mission Product contracts to develop hardware and software solutions across the industrial base.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2134 / *Shipboard IW Exploit*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development Prior Years	Various	Various : Various	291.496	0.000		0.000		0.000		-		0.000	0.000	291.496	-
Software Development SSEE	C/CPFF	Classified Contracts : Classified Contracts	20.500	4.661	Dec 2022	3.223	Dec 2023	2.254	Dec 2024	-		2.254	Continuing	Continuing	Continuing
System Engineering SSEE	C/CPFF	Classified Contracts : Classified Contracts	2.529	0.683	Dec 2022	0.525	Dec 2023	0.374	Dec 2024	-		0.374	Continuing	Continuing	Continuing
Software Development SSEE	WR	NIWC PAC : San Diego, CA	1.628	0.384	Oct 2022	0.349	Oct 2023	0.249	Oct 2024	-		0.249	Continuing	Continuing	Continuing
Hardware Development SSEE	WR	NIWC PAC : San Diego, CA	1.252	0.295	Oct 2022	0.227	Oct 2023	0.162	Oct 2024	-		0.162	Continuing	Continuing	Continuing
Software Development SSEE	WR	NRL : Washington, DC	5.587	1.269	Oct 2022	0.975	Oct 2023	0.695	Oct 2024	-		0.695	Continuing	Continuing	Continuing
Hardware Development Spectral	C/CPFF	Classified Contracts : Classified Contracts	51.579	23.038	Dec 2022	25.683	Dec 2023	26.977	Dec 2024	-		26.977	Continuing	Continuing	Continuing
Software Development Spectral	C/CPAF	Classified Contracts : Classified Contracts	13.365	7.792	Dec 2022	7.919	Dec 2023	8.561	Dec 2024	-		8.561	Continuing	Continuing	Continuing
System Engineering Spectral	WR	NIWC PAC : San Diego, CA	12.156	4.598	Oct 2022	5.213	Oct 2023	5.636	Oct 2024	-		5.636	Continuing	Continuing	Continuing
Requirements Analysis Spectral	C/CPFF	Classified Contracts : Classified Contracts	1.333	0.493	Dec 2022	0.501	Dec 2023	0.547	Dec 2024	-		0.547	Continuing	Continuing	Continuing
System Engineering Spectral	C/CPFF	Classified Contracts : Classified Contracts	12.110	4.483	Dec 2022	4.556	Dec 2023	4.977	Dec 2024	-		4.977	Continuing	Continuing	Continuing
ICADS-Classified	Various	Classified : Classified	15.118	1.019	Dec 2022	24.907	Dec 2023	22.820	Dec 2024	-		22.820	Continuing	Continuing	Continuing
Horizon - Classified	Various	Classified : Classified	18.700	24.780	Dec 2022	24.434	Dec 2023	17.726	Dec 2024	-		17.726	Continuing	Continuing	Continuing
Advanced IW Hardware Development	C/CPFF	Classified Contracts : Classified Contracts	0.000	0.000		0.000		16.200	Dec 2024	-		16.200	Continuing	Continuing	Continuing
Advanced IW Software Development	C/CPFF	Classified Contracts : Classified Contracts	0.000	0.000		0.000		4.320	Dec 2024	-		4.320	Continuing	Continuing	Continuing
		Subtotal	447.353	73.495		98.512		111.498		-		111.498	Continuing	Continuing	N/A

Remarks

FY2025 funding increase (+$12,986M) due to the Advanced IW Antennas for the development and engineering of Spectral's Advanced RF solutions to enable execution of full functionality and scope of Spectral requirements.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2134 / *Shipboard IW Exploit*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Support Prior Years	Various	Various : Various	29.574	0.000		0.000		0.000		-		0.000	0.000	29.574	-
System Eng Mgmt SSEE	C/CPFF	NIWC LANT/PAC : Various	0.807	0.220	Oct 2022	0.169	Oct 2023	0.149	Oct 2024	-		0.149	Continuing	Continuing	Continuing
		Subtotal	30.381	0.220		0.169		0.149		-		0.149	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	Various	Various : Various	27.582	0.000		0.000		0.000		-		0.000	0.000	27.582	-
Developmental Test & Evaluation (DT&E)	C/CPFF	Classified Contracts : Classified Contracts	1.665	0.391	Dec 2022	1.660	Dec 2023	1.813	Dec 2024	-		1.813	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	WR	NIWC LANT/PAC : Various	2.534	0.391	Oct 2022	1.666	Oct 2023	1.820	Oct 2024	-		1.820	Continuing	Continuing	Continuing
Operational Test & Evaluation (OT&E)	Various	Classified : Classified	0.825	0.061	Oct 2022	0.000	Oct 2023	1.490	Oct 2024	-		1.490	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	Various	Classified : Classified	0.000	0.000		0.000		1.131	Oct 2024	-		1.131	Continuing	Continuing	Continuing
		Subtotal	32.606	0.843		3.326		6.254		-		6.254	Continuing	Continuing	N/A

Remarks

FY2025 funding increase (+$2.928M) due to ICADS and Horizon. The details of the ICADS and Horizon sub-project are classified SECRET and are submitted annually to Congress in the classified budget justification books.
Each Line Represents (by sort order): 1) Test & Evaluation Prior Years (All Programs); 2) Developmental Test & Evaluation SSEE and Spectral. FY25 only includes funding for Spectral, but prior years include SSEE and Spectral; 3) Developmental Test & Evaluation SSEE and Spectral; 4) ICADS-Classified. 5) Horizon-Classified

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Prior Years	Various	Various : Various	41.312	0.000		0.000		0.000		-		0.000	0.000	41.312	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2134 / *Shipboard IW Exploit*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Acqusition Management Spectral	C/CPFF	BAH : San Diego, CA	4.694	1.735	Oct 2022	1.822	Oct 2023	1.990	Oct 2024	-		1.990	Continuing	Continuing	Continuing
Acquisition Management Advanced IW	C/CPFF	BAH : San Diego, CA	0.000	0.000		0.000		1.080	Oct 2024	-		1.080	Continuing	Continuing	Continuing
		Subtotal	46.006	1.735		1.822		3.070		-		3.070	Continuing	Continuing	N/A

Remarks

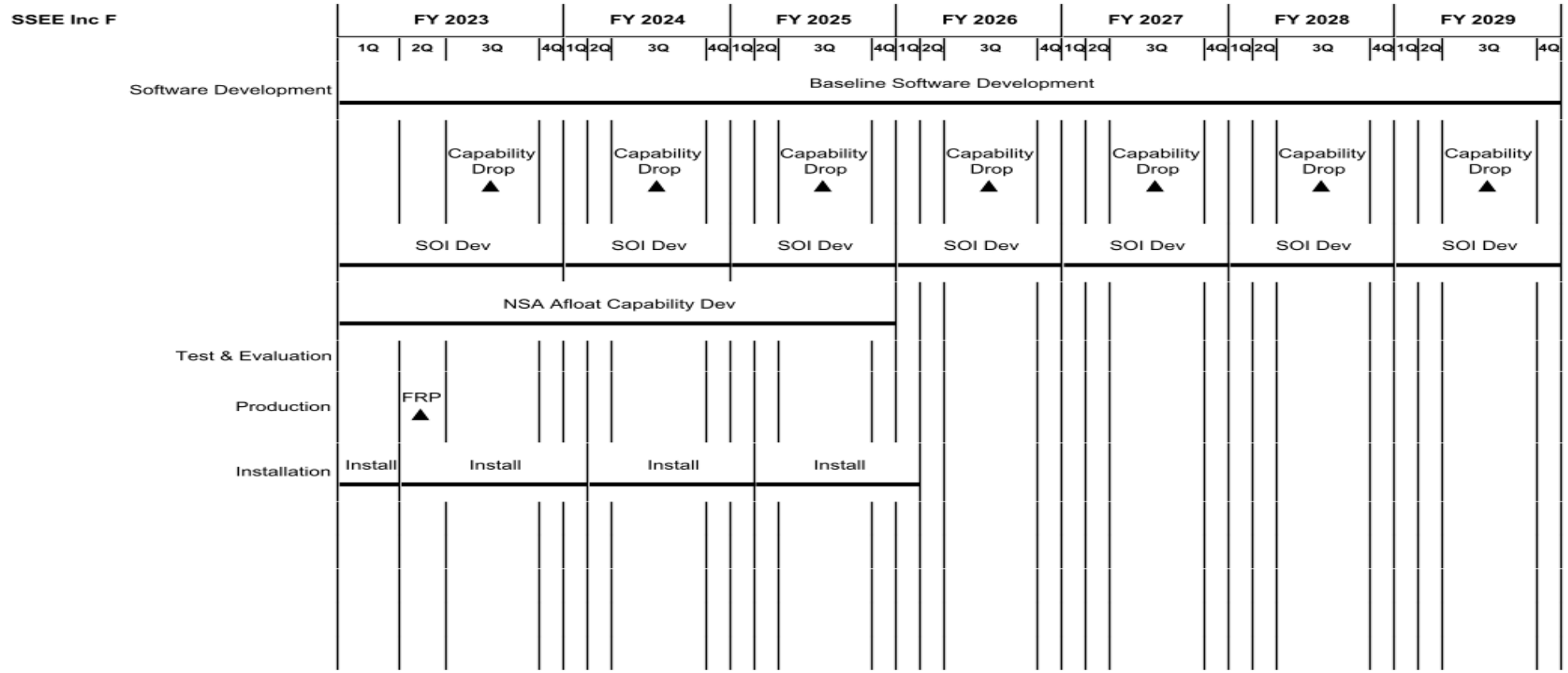
FY2025 Increase (+$1.248M) is due to support for Spectral's Advanced RF solutions to enable execution of full functionality and scope of Spectral requirements.

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	556.346	76.293		103.829		120.971		-		120.971	Continuing	Continuing	N/A

Remarks

- The details of the ICADS and Horizon sub-projects are classified SECRET and are submitted annually to Congress in the classified budget justification books.

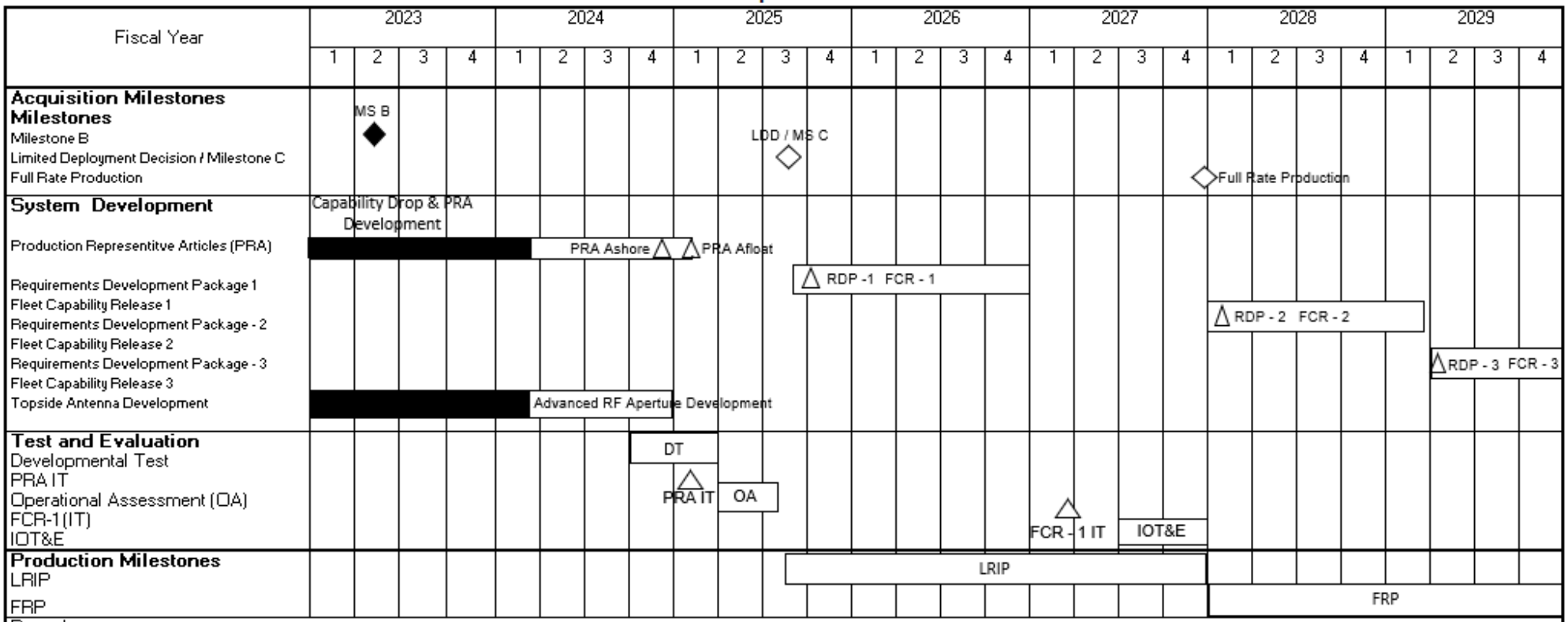
Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*



2025PB - 0304785N - 2134.L39 Production milestones reflect contract award dates.
FY23 Production reflects SSEE Inc F (V)7/8 units only.

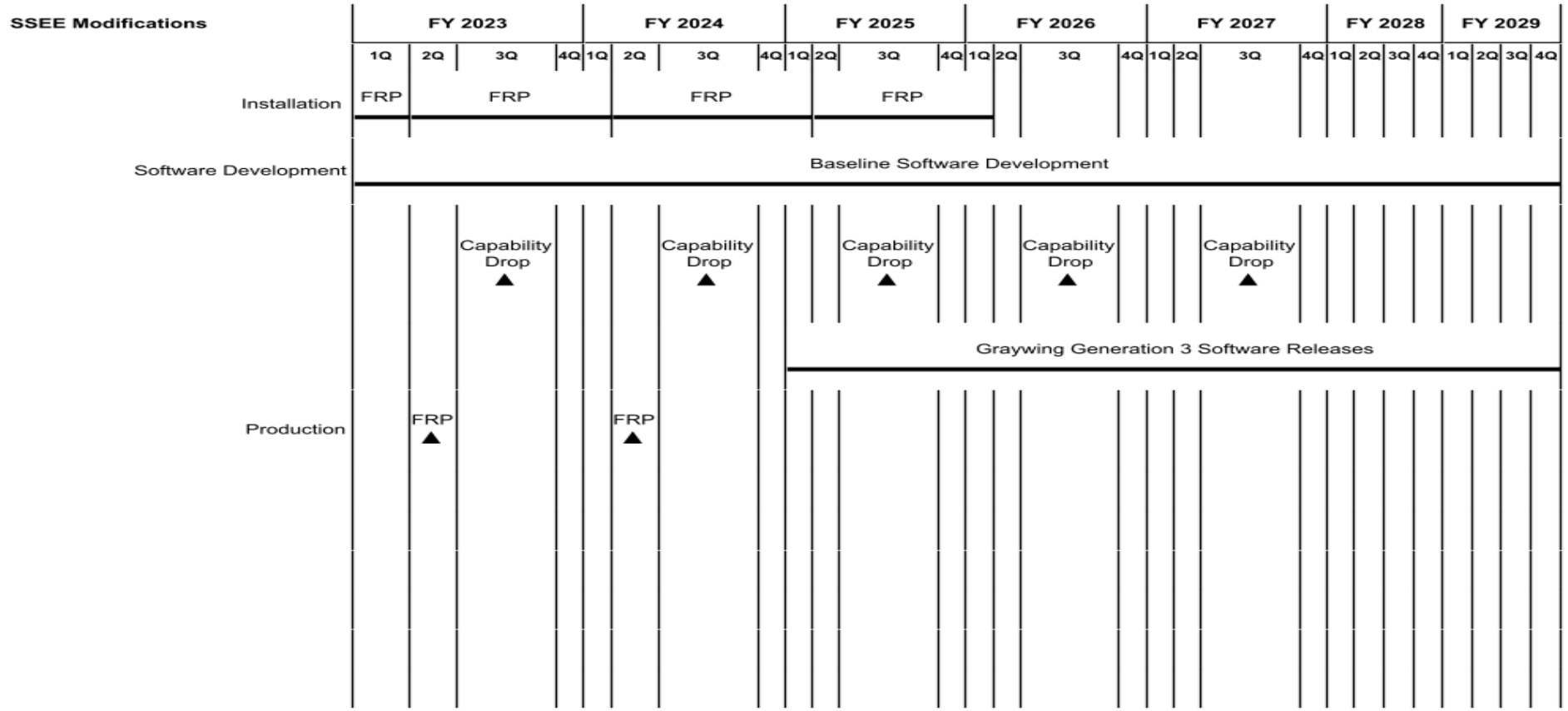
Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

Spectral



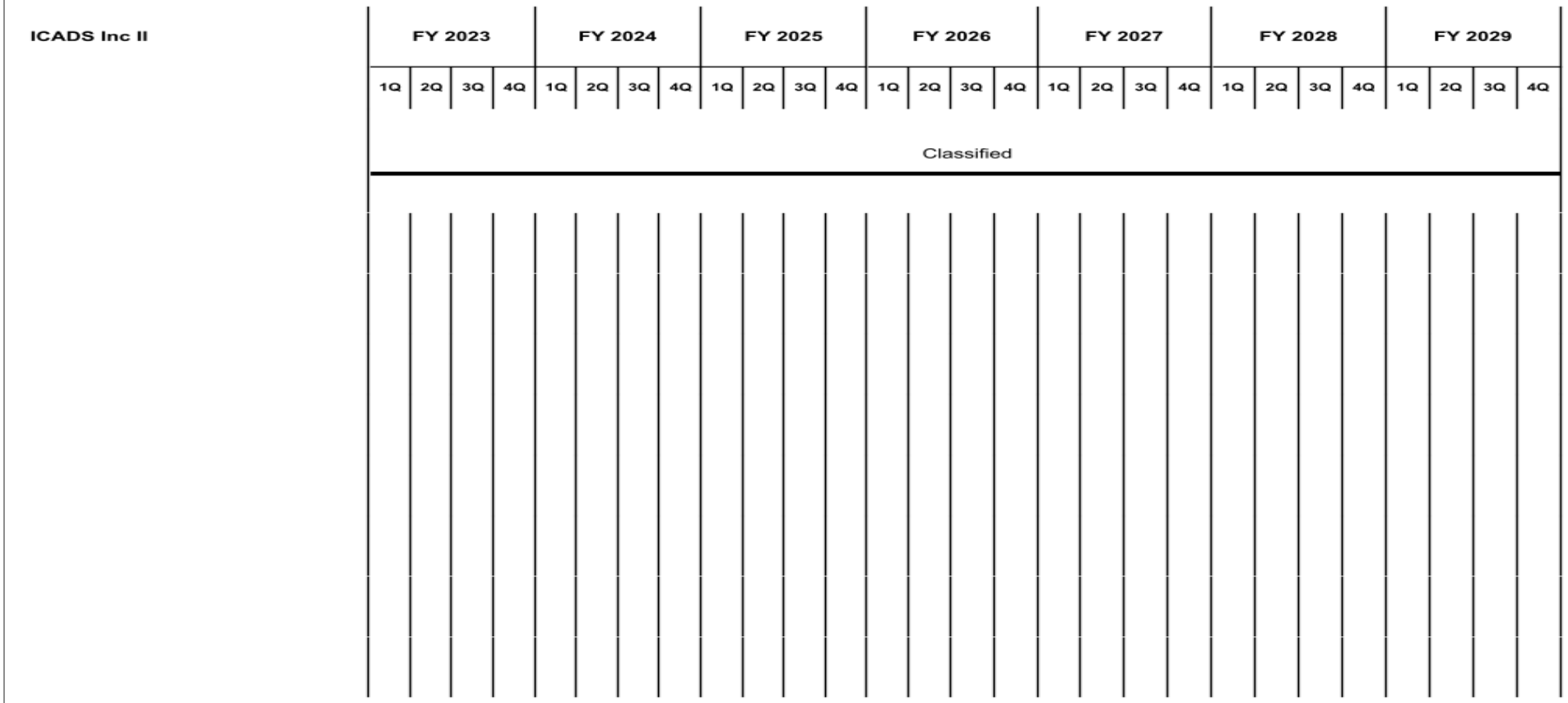
Remarks:
Shipboard Information Warfare (IW) Exploit / 2134 (Spectral)
Prime Mission Product contract for PRA development and production awarded May 2023, shifting completion of PRA systems to Q4FY24 and Q1FY25
Added Developmental Test (DT) window in Q4FY24-Q1FY25
Operational Assesment (OA) includes test preparation, test conduct (1-2 weeks), and test report completion (60 days)
Advanced Antenna development was previously captured under Advanced RF Aperture Development. In FY25 this was broken out as Advanced Information Warfare Antennas Program to provide greater visibility and alignment with this increase in capability.

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*



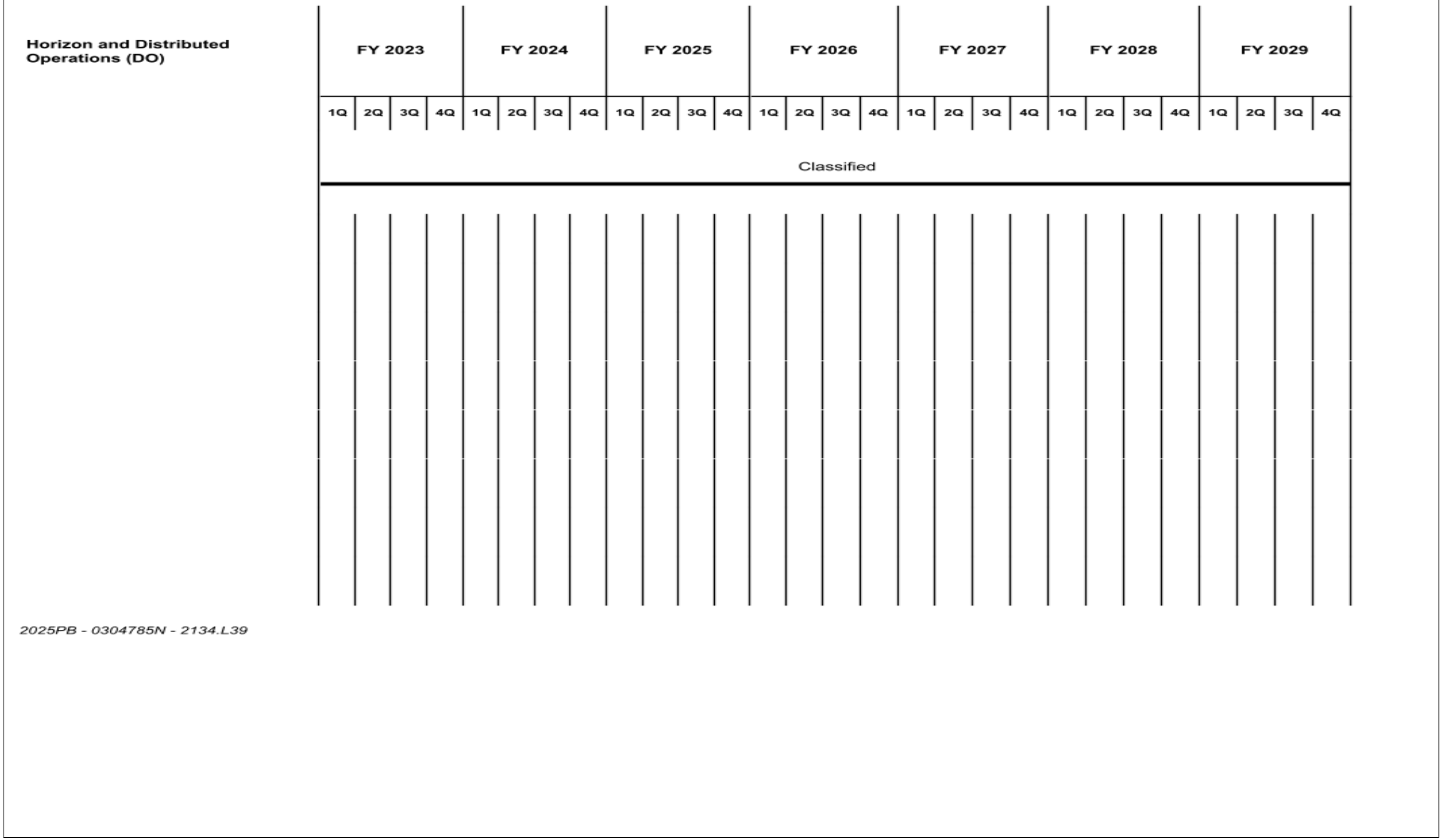
2025PB - 0304785N - 2134.L39 Production Milestones reflect contract award dates
SSEE Mods software development integrated and tested in conjunction with SSEE Inc F software builds

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*



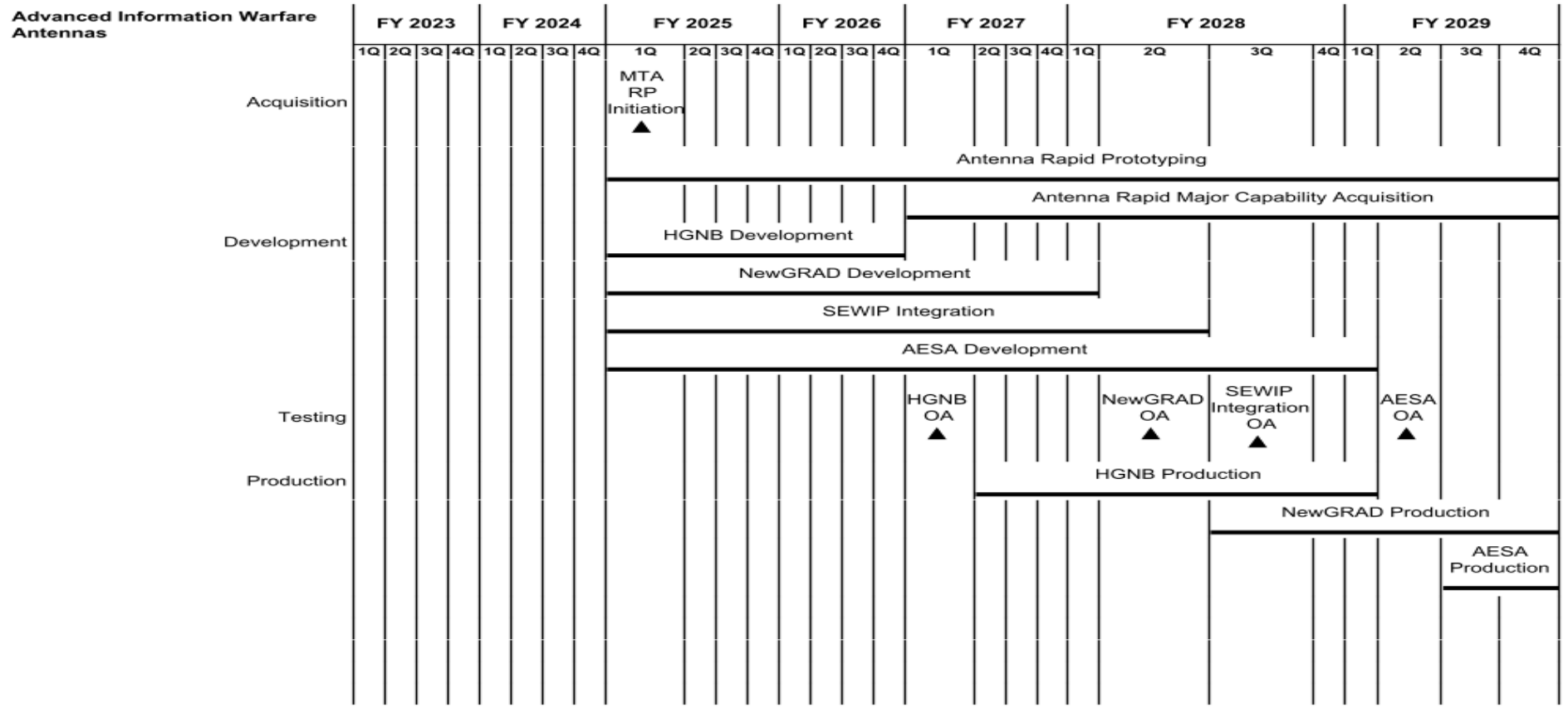
2025PB - 0304785N - 2134.L39

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*



2025PB - 0304785N - 2134.L39

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*



2025PB - 0304785N - 2134.L39 This program is not a new start; funding previously covered under Spectral and now broken out to provide greater visibility and alignment with this increase in capability.

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
SSEE Inc F				
Software Development: Baseline Software Development	1	2023	4	2029
Software Development: Inc F - FY23 Capability Drop	3	2023	3	2023
Software Development: Inc F - FY24 Capability Drop	3	2024	3	2024
Software Development: Inc F - FY25 Capability Drop	3	2025	3	2025
Software Development: Inc F - FY26 Capability Drop	3	2026	3	2026
Software Development: Inc F - FY27 Capability Drop	3	2027	3	2027
Software Development: Inc F - FY28 Capability Drop	3	2028	3	2028
Software Development: Inc F - FY29 Capability Drop	3	2029	3	2029
Software Development: Inc F - FY23 SOI Development	1	2023	4	2023
Software Development: Inc F - FY24 SOI Development	1	2024	4	2024
Software Development: Inc F - FY25 SOI Development	1	2025	4	2025
Software Development: Inc F - FY26 SOI Development	1	2026	4	2026
Software Development: Inc F - FY27 SOI Development	1	2027	4	2027
Software Development: Inc F - FY28 SOI Development	1	2028	4	2028
Software Development: Inc F - FY29 SOI Development	1	2029	4	2029
Software Development: Inc F - NSA Afloat Capability Development	1	2023	4	2025
Production: Inc F - FY23 FRP Production Milestone	2	2023	2	2023
Installation: Inc F - FRP Installation FY22	1	2023	1	2023
Installation: Inc F - FRP Installation FY23	2	2023	1	2024
Installation: Inc F - FRP Installation FY24	2	2024	1	2025
Installation: Inc F - FRP Installation FY25	2	2025	1	2026
Spectral				

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Acquisition Milestones: Spectral - Milestone B	2	2023	2	2023
Acquisition Milestones: Spectral - Limited Deployment Decision (LDD)/ Milestone C	3	2025	3	2025
Acquisition Milestones: Spectral - Full Rate Production	4	2027	4	2027
System Development: Spectral - Production Representative Articles (PRA) Ashore	4	2024	4	2024
System Development: Spectral - Production Representative Articles (PRA) Afloat	1	2025	1	2025
System Development: Spectral - Capability Drop & PRA Development	1	2023	1	2025
System Development: Spectral - Fleet Capability Release 1	3	2025	4	2026
System Development: Spectral - Requirements Development Package (RDP) - 1	4	2025	4	2025
System Development: Spectral - Fleet Capability Release 2	1	2028	1	2029
System Development: Spectral - Requirements Development Package (RDP) - 2	1	2028	1	2028
System Development: Spectral - Fleet Capability Release 3	2	2029	4	2029
System Development: Spectral - Requirements Development Package (RDP) - 3	2	2029	2	2029
System Development: Spectral - Advanced RF Aperture Development	1	2023	4	2024
Test and Evaluation: Developmental Test	4	2024	1	2025
Test and Evaluation: Spectral - PRA IT	1	2025	1	2025
Test and Evaluation: Spectral - Operational Assessment (OA)	2	2025	3	2025
Test and Evaluation: Spectral - FCR-1 (IT)	1	2027	1	2027
Test and Evaluation: Spectral - Initial Operational Test & Evaluation (IOT&E)	3	2027	4	2027
Production Milestones: Spectral - Low Rate Initial Production (LRIP)	3	2025	4	2027
Production Milestones: Spectral - Full Rate Production (FRP)	1	2028	4	2029
SSEE Modifications				
Installation: SSEE Modifications - FRP Installation FY22	1	2023	1	2023
Installation: SSEE Modifications - FRP Installation FY23	2	2023	1	2024
Installation: SSEE Modifications - FRP Installation FY24	2	2024	1	2025
Installation: SSEE Modifications - FRP Installation FY25	2	2025	1	2026
Software Development: SSEE Modifications - Baseline Software Development	1	2023	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Software Development: SSEE Modifications - FY23 Capability Drop	3	2023	3	2023
Software Development: SSEE Modifications - FY24 Capability Drop	3	2024	3	2024
Software Development: SSEE Modifications - FY25 Capability Drop	3	2025	3	2025
Software Development: SSEE Modifications - FY26 Capability Drop	3	2026	3	2026
Software Development: SSEE Modifications - FY27 Capability Drop	3	2027	3	2027
Software Development: SSEE Modifications - Graywing Generation 3 Software Releases	1	2025	4	2029
Production: SSEE Modifications - FY23 FRP Production Modification	2	2023	2	2023
Production: SSEE Modifications - FY24 FRP Production Modification	2	2024	2	2024
ICADS Inc II				
Classified	1	2023	4	2029
Horizon and Distributed Operations (DO)				
Classified	1	2023	4	2029
Advanced Information Warfare Antennas				
Acquisition: Middle Tier Acquisition Rapid Prototyping Initiation	1	2025	1	2025
Acquisition: Antenna Rapid Prototyping	1	2025	4	2029
Acquisition: Antenna Rapid Major Capability Acquisition	1	2027	4	2029
Development: High Gain, Narrow Band (HGNB) Development	1	2025	4	2026
Development: New Graywing Antenna Development (NewGRAD) Development	1	2025	1	2028
Development: Surface Electronic Warfare Improvement Program (SEWIP) Integration	1	2025	2	2028
Development: Actively Steered Electronic Array (AESA) Development	1	2025	1	2029
Testing: High Gain, Narrow Band (HGNB) Operational Assessment (OA)	1	2027	1	2027
Testing: New Graywing Antenna Development (NewGRAD) Operational Assessment (OA)	2	2028	2	2028
Testing: Surface Electronic Warfare Improvement Program (SEWIP) Integration Operational Assessment (OA)	3	2028	3	2028
Testing: Actively Steered Electronic Array (AESA) Operational Assessment (OA)	2	2029	2	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2134 / *Shipboard IW Exploit*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Production: High Gain, Narrow Band (HGNB) Production	2	2027	1	2029
Production: New Graywing Antenna Development (NewGRAD) Production	3	2028	4	2029
Production: Actively Steered Electronic Array (AESA) Production	3	2029	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2174 / *Intelligence Carry-On Program (ICOP)*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
2174: *Intelligence Carry-On Program (ICOP)*	1.820	0.663	0.681	0.665	-	0.665	0.687	0.700	0.715	0.730	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Intelligence Carry-On Program (ICOP) is a powerful afloat edge computing device that is capable of operating on all three security domains (NIPR, SIPR, and JWICs) that extends the Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) Enterprise and the Distributed Common Ground System-Navy (DCGS-N) Family of Systems (FoS) to unit-level forces and the Joint Intelligence Community (IC). ICOP provides Indications and Warnings (I&W), Signal Intelligence (SIGNIT) correlation, Imagery exploitation, high-value entity alerting, anomaly detection, threat environment pattern of life analysis ISO Maritime Battlespace Awareness with 3-D visualization, Full-Motion Video (FMV), Resilient C3, Integrated Fires, Distributed Maritime Ops, Electromagnetic Maneuver Warfare (EMW) and Processing, Exploitation and Dissemination (PED) capabilities in support of Unit-Level Navy surface (CG, DDG, and LPD classes) and expeditionary operations. ICOP/CM3 systems supports a direct downlink of airborne FMV from manned and unmanned sensors supporting FMV exploitation, and with integration of shipboard organic cameras, supports the monitoring of multiple feeds during high tempo operations ISO OPTASK Visual Information (VI) objectives (Strategic Communications - "First to the Truth").

In FY 2025, ICOP will continue to conduct a formal system engineering assessment of the system design for the Sensitive Compartmented Information (SCI) ICOP Mission Module. This will lead into the development and testing of the mission module. In addition, the ICOP engineering team will continue the containerization of the ICOP software stack, which will allow an additional variant to be employed on platforms that have severe space constraints such as LCS and DDG 1000 platforms.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Intelligence Carry-On Program (ICOP)	0.663	0.681	0.665	0.000	0.665
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue integration, testing, and evaluation of SCI ICOP capabilities in support of Long Range Fires objectives. Support for lab based and real world experimentation efforts. - Continue collaboration with the Software Armory and test the ability to host containerized applications, as well as continuing the containerization efforts if ICOP specific applications. - Conduct testing and evaluation of all ICOP SW in the context of operating on Windows 11. Integrate and make Windows 11 ICOP software baseline ready for fielding. - Conduct testing and evaluation of ICOP Communications Module (CM) components in a range of lab and real world environments supporting the advancement of additional GEOINT and FMV capabilities.					
FY 2025 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2174 / *Intelligence Carry-On Program (ICOP)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Continue integration, testing, and evaluation of SCI ICOP capabilities in support of Long Range Fires objectives. Support for lab based and real world experimentation efforts. - Continue collaboration with the Software Armory and test the ability to host containerized applications, as well as continuing the containerization efforts if ICOP specific applications. - Continue testing and evaluation of ICOP Communications Module (CM) components in a range of lab and real world environments supporting the advancement of additional GEOINT and FMV capabilities. - Conduct testing, evaluation and integration to fielded systems on ZUMWALT class ships, supporting the Total Inventory Objective (TIO) increase. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant changes from FY24 to FY25.					
Accomplishments/Planned Programs Subtotals	0.663	0.681	0.665	0.000	0.665

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• OPN/2914: *Distributed Common Ground System-Navy (DCGS-N)*	15.606	16.579	16.946	-	16.946	16.929	17.291	17.731	17.919	318.640	780.296

Remarks

D. Acquisition Strategy

ICOP will continue to implement a cross-decking methodology that incorporates a two phased delivery, a permanent foundation kit which supports carry-on equipment (rotatable pool of assets) to include workstation and Communications Module 3 (CM3) antenna / receiver set. This methodology supports speed-to-fleet principles. SCI ICOP Mission Module will employ the same cross-decking methodology.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2174 / *Intelligence Carry-On Program (ICOP)*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ICOP Development	WR	NIWC PAC : San Diego, CA	1.546	0.663	Oct 2022	0.681	Oct 2023	0.665	Oct 2024	-		0.665	Continuing	Continuing	Continuing
Prior Years	Various	Various : Various	0.274	0.000		0.000		0.000		-		0.000	0.000	0.274	-
		Subtotal	1.820	0.663		0.681		0.665		-		0.665	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1.820	0.663		0.681		0.665		-		0.665	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2174 / *Intelligence Carry-On Program (ICOP)*

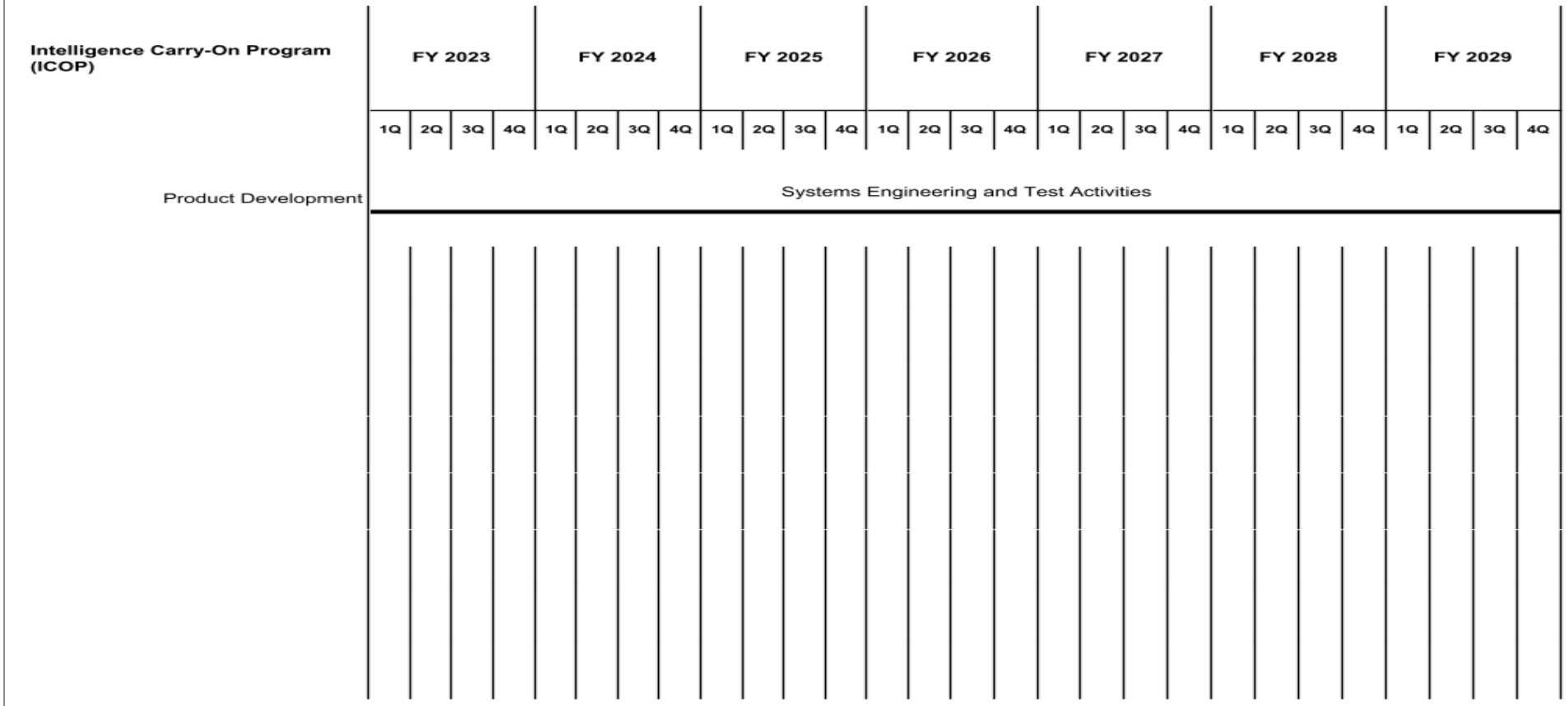


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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2174 / *Intelligence Carry-On Program (ICOP)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Intelligence Carry-On Program (ICOP)				
Product Development: Systems Engineering and Test Activities	1	2023	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*				Project (Number/Name) *2227 / Distributed Common Ground System (DCGS-N) Inc 2*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
2227: *Distributed Common Ground System (DCGS-N) Inc 2*	95.914	29.335	31.322	29.547	-	29.547	31.022	31.577	32.219	32.907	327.060	640.903
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: M464

A. Mission Description and Budget Item Justification

DCGS-N Inc 2 is the Navy Service component version of the DCGS Family of Systems (FoS) and is deployed on force level platforms and ashore nodes to include Maritime Operations Centers (MOCs), delivering Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) capabilities to the warfighter. DCGS-N Inc 2 is also a critical component of the Intelligence, Surveillance, and Reconnaissance (ISR) FoS, which is comprised of DCGS-N, Intelligence Carry-On Program (ICOP), Maritime Domain Awareness (MDA), Tactical Edge Targeting (TET), and Remote Sensing Capability Development (RSCD). The Programs within the ISR FoS deliver a robust suite of complimentary ISR capabilities to the Navy and Marine Corps. DCGS-N operates during peacetime, crisis, and war in afloat and shore-based operational configurations, sharing information and intelligence between the Navy, DoD, and IC. It serves as a tactical gateway to share Navy-unique sensor data (e.g., MQ-25, RAQ-35, MQ-4, and P-8, etc.) across the IC. DCGS-N will enable users to identify, locate, and confirm threats and targets using the all-source data store, support Intelligence Preparation of the Operational Environment, battle management, target nomination, and execute collection planning and requests. The program integrates this data with available Command and Control systems, weapons, combat, and Meteorological and Oceanographic forecast and sensor data. DCGS-N provides Situational Awareness via the Common Operational Picture and Common Intelligence Picture to the operational decision-maker.

As a Software Acquisition Program (SWP), DCGS-N Inc 2 decomposes the validated Information Systems Capability Development Document (IS-CDD) requirements into six modular capability areas (CA), further defined in the DCGS-N Capabilities Need Statement (CNS), and implements agile development processes to incrementally deliver capability through the entire life cycle of the program. In alignment with the DCGS-N User Agreement (UA), requirements are prioritized through the DCGS-N Requirements Governance Board (DRGB). The Capability Needs Statement (CNS) is reviewed annually and scopes DCGS-N Inc 2 development priorities and inform near-term programmatic planning aligned to the program roadmap. User feedback informs each Iterative Release (IR) through a robust requirements process characterized by annual Fleet User Symposiums and consistent action officer coordination.

DCGS-N Inc 2 maximizes use of government off-the-shelf (GOTS) and commercial software tools and standards. DCGS-N uses an enduring Adopt-Buy-Create (ABC) methodology to identify and integrate mature GOTS and commercial items currently in use with the Defense Intelligence Security Enterprise, the DCGS FoS, broader IC Information Technology Enterprise, and existing Joint and Navy Science and Technology efforts. The program employs an agile approach to requirements management, new software development, commercial items, GOTS integration, testing, and delivery of incremental functionality aligned to user priorities. Features will be completed within the financial resources allocated to the program, with less important features deferred and prioritized based on user requirements

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

FY 2025 continues software integration and improvements resulting in IRs that are ready for testing/fielding. Additionally, DCGS-N will leverage the development and integration of applications which deliver Over the Horizon Targeting (OTH-T) and Command, Control, Communications, Computers and Counter-Intelligence (C5) ISR capabilities to the fleet.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Distributed Common Ground System-Navy (DCGS-N) Increment 2	29.335	31.322	29.547	0.000	29.547
Articles:	-	-	-	-	-
FY 2024 Plans: - Leverage the development and integration of Counter-Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, Reconnaissance, and Targeting (C-C5ISRT) capabilities for the Fleet. - Leverage the development and integration of Real-Time Spectrum Operations (RTSO) capabilities for the Fleet. - Leverage the development and integration of Minotaur capabilities for the Fleet. - Continue modernization of targeting hardware and software. - Continue software integration and improvements resulting in IRs that are ready for testing/fielding. - Continue optimization of DevSecOps processes and environments to increase the rate of release for the fielding of IRs by using the Enterprise infrastructure. - Commence the design and development of mission modules based systems for accelerated deployment. - Continue deployment of DCGS-N Ashore System (DAS) across Maritime Operations Centers (MOCs) and training sites. - Continue the enhancement and expansion of the KB to support new Joint and maritime data sets such as Machine-assisted Analytic Rapid-repository System (MARS). - Continue to assess developing technologies for incorporation into future baselines in support of emerging Fleet capability gaps. - Continue to work closely with governmental and non-governmental agencies and organizations in order to align Fleet requirements with capabilities across various Technology Readiness Levels (TRLs). - Continue to target a Fleet demonstration/exercise (TRIDENT WARRIOR, Enterprise Challenge and other Fleet exercises) to test system in a large-scale, at-sea experiment. - Continue DCGS Enterprise Node (DEN) implementation of Common Data Fabric (CDF) for data sharing.					
FY 2025 Base Plans: - Leverage the development and integration of Counter-Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, Reconnaissance, and Targeting (C-C5ISRT) capabilities for the Fleet. - Leverage the development and integration of Real-Time Spectrum Operations (RTSO) capabilities for the Fleet.					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Leverage the development and integration of Minotaur capabilities for the Fleet. - Continue modernization of targeting hardware. - Continue software integration and improvements resulting in IRs that are ready for testing/fielding. - Continue optimization of DevSecOps processes and environments to increase the rate of release for the fielding of IRs by using the Enterprise infrastructure. - Commence the design and development of mission modules based systems for accelerated deployment. - Continue deployment of DCGS-N Ashore System (DAS) across Maritime Operations Centers (MOCs) and training sites. - Continue the enhancement and expansion of the KB to support new Joint and maritime data sets such as MARS. - Continue to assess developing technologies for incorporation into future baselines in support of emerging Fleet capability gaps. - Continue to work closely with governmental and non-governmental agencies and organizations in order to align Fleet requirements with capabilities across various Technology Readiness Levels (TRLs). - Continue to target a Fleet demonstration/exercise (TRIDENT WARRIOR, Enterprise Challenge and other Fleet exercises) to test system in a large-scale, at-sea experiment. - Continue DCGS Enterprise Node (DEN) implementation of Common Data Fabric (CDF) for data sharing. - Leverage FY24 DAS development of DCGS-N Tactical Edge Equipment (DTEE). ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease of $1.775M from FY 2024 to FY 2025 is attributed to the completion of classified contract software development efforts.					
Accomplishments/Planned Programs Subtotals	29.335	31.322	29.547	0.000	29.547

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• OPN/2914: *Distributed Common Ground System-Navy (DCGS-N)*	15.606	16.579	16.946	-	16.946	16.929	17.291	17.731	17.919	318.640	780.296

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

D. Acquisition Strategy

The DCGS-N Inc 2 acquisition strategy (AS) will follow the Software Acquisition Pathway (SWP) to incrementally deliver capability through the entire lifecycle of the program. The evolutionary approach will consist of multiple, iterative releases (IR) that collectively update the system to meet or exceed all Capability Needs Statement (CNS) and Information Systems Capability Development Document (IS-CDD), Key Performance Parameter (KPP) / Key System Attribute (KSA) threshold requirements. Each product line will be integrated and adapted to ensure viability and effectiveness of capabilities for operational use. The approach incorporates test and evaluation and cyber hardening requirements in an integrated Development, Security and Operations (DevSecOps) environment and is integral to the program's IR delivery methodology.

Key elements of the DCGS-N Inc 2 AS include frequent iterative releases (IR), maximum leverage of mature capabilities through a multi-faceted ABC methodology, a robust Open System Architecture (OSA) centered on a core knowledge base with common Application Programming Interfaces (APIs), flexible contracting, tailored test and evaluation (T&E) strategy, and release authorizations informed by demonstrations and user acceptance. In accordance with DoDI 5000.02 requirements, DCGS-N Inc 2 IRs will incrementally deliver major capability releases when the system meets user defined Minimum Viable Product (MVP), Minimum Viable Capability Release (MVCR), and a culminating Operational Release (OR). The Adopt-Buy-Create (ABC) methodology shall incorporate new product functionality and on-ramp new Capability Area (CA) informed by a Continuous Technology Assessment (CTA) throughout the lifecycle of the program. Industry standards for agile development will be implemented to increase speed and consistencies of deliveries, enabling the program office to rapidly respond to Fleet requirements.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Software Development	C/CPFF	LEIDOS : Reston, VA	47.043	4.826	Nov 2022	5.053	Nov 2023	5.053	Nov 2024	-		5.053	0.000	61.975	-
Primary Software Development	MIPR	Classified Contracts : Classified Contracts	0.000	9.451	Dec 2022	9.895	Dec 2023	8.131	Dec 2024	-		8.131	0.000	27.477	-
Primary Software Development	C/CPFF	Various : Various	0.000	2.923	Dec 2022	3.060	Dec 2023	3.060	Dec 2024	-		3.060	0.000	9.043	-
Primary Software Development	C/CPFF	BAE : Arlington, VA	0.000	1.317	Dec 2022	1.379	Dec 2023	1.379	Dec 2024	-		1.379	0.000	4.075	-
Integration Assembly & Test	WR	NIWC PAC : San Diego, CA	20.038	3.448	Oct 2022	3.610	Oct 2023	3.597	Oct 2024	-		3.597	0.000	30.693	-
Integration Assembly & Test	C/CPFF	KAB : San Diego, CA	4.960	0.550	Nov 2022	0.576	Nov 2023	0.000		-		0.000	0.000	6.086	-
Government Technical Oversight (Dev)	WR	NIWC LANT : Charleston, SC	5.215	1.083	Oct 2022	1.738	Oct 2023	1.738	Oct 2024	-		1.738	0.000	9.774	-
Government Technical Oversight(Dev)	WR	NIWC PAC : San Diego, CA	0.841	0.307	Oct 2022	0.321	Oct 2023	0.321	Oct 2024	-		0.321	0.000	1.790	-
Product Development Prior Years	Various	Various : Various	2.727	0.000		0.000		0.000		-		0.000	0.000	2.727	-
Integration Assembly & Test	C/CPFF	LEIDOS : Reston, VA	0.000	0.000		0.000		0.576	Nov 2024	-		0.576	0.000	0.576	-
		Subtotal	80.824	23.905		25.632		23.855		-		23.855	0.000	154.216	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	C/CPFF	SAIC : Columbia, MD	4.459	1.438	Dec 2022	1.506	Dec 2023	1.506	Dec 2024	-		1.506	0.000	8.909	-
Logistics Engineering	Various	Various : Various	2.253	0.839	Oct 2022	0.878	Oct 2023	0.878	Oct 2024	-		0.878	0.000	4.848	-
		Subtotal	6.712	2.277		2.384		2.384		-		2.384	0.000	13.757	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NIWC LANT : Charleston, SC	1.516	0.692	Dec 2022	0.729	Dec 2023	0.729	Dec 2024	-		0.729	0.000	3.666	-
Developmental Test & Evaluation (DT&E)	WR	NIWC PAC : San Diego, CA	1.862	0.700	Dec 2022	0.733	Dec 2023	0.733	Dec 2024	-		0.733	0.000	4.028	-
Developmental Test & Evaluation (DT&E)	C/CPFF	Various : Various	1.240	0.512	Dec 2022	0.536	Dec 2023	0.536	Dec 2024	-		0.536	0.000	2.824	-
		Subtotal	4.618	1.904		1.998		1.998		-		1.998	0.000	10.518	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Acquisition Management	C/CPFF	BAH : San Diego, CA	3.059	0.979	Feb 2023	1.025	Feb 2024	1.027	Feb 2025	-		1.027	0.000	6.090	-
Travel	Allot	NAVWAR : San Diego, CA	0.701	0.270	Nov 2022	0.283	Nov 2023	0.283	Nov 2024	-		0.283	0.000	1.537	-
		Subtotal	3.760	1.249		1.308		1.310		-		1.310	0.000	7.627	N/A

	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	95.914	29.335		31.322		29.547		-		29.547	0.000	186.118	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

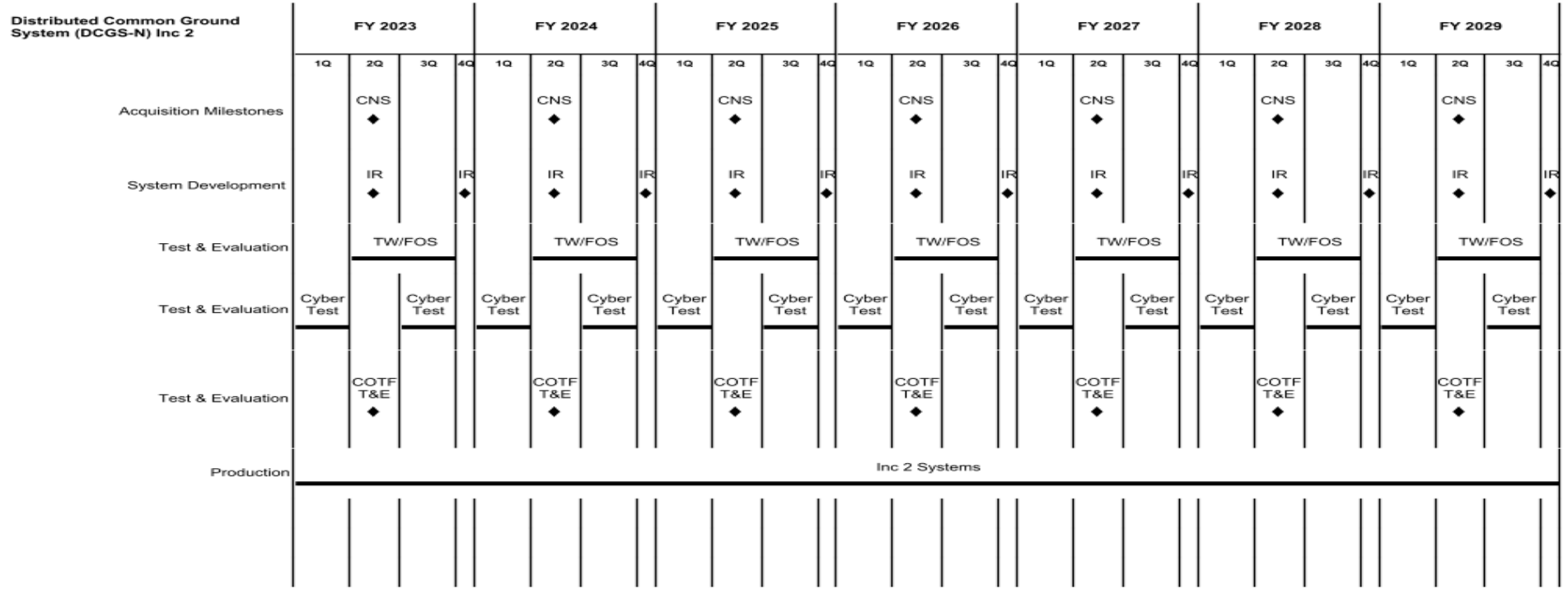

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Distributed Common Ground System (DCGS-N) Inc 2				
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY23	2	2023	2	2023
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY24	2	2024	2	2024
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY25	2	2025	2	2025
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY26	2	2026	2	2026
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY27	2	2027	2	2027
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY28	2	2028	2	2028
Acquisition Milestones: DCGS-N Inc 2 Capability Needs Statement (CNS) FY29	2	2029	2	2029
System Development: Iterative Release (IR) FY23Q2	2	2023	2	2023
System Development: Iterative Release (IR) FY23Q4	4	2023	4	2023
System Development: Iterative Release (IR) FY24Q2	2	2024	2	2024
System Development: Iterative Release (IR) FY24Q4	4	2024	4	2024
System Development: Iterative Release (IR) FY25Q2	2	2025	2	2025
System Development: Iterative Release (IR) FY25Q4	4	2025	4	2025
System Development: Iterative Release (IR) FY26Q2	2	2026	2	2026
System Development: Iterative Release (IR) FY26Q4	4	2026	4	2026
System Development: Iterative Release (IR) FY27Q2	2	2027	2	2027
System Development: Iterative Release (IR) FY27Q4	4	2027	4	2027
System Development: Iterative Release (IR) FY28Q2	2	2028	2	2028
System Development: Iterative Release (IR) FY28Q4	4	2028	4	2028
System Development: Iterative Release (IR) FY29Q2	2	2029	2	2029
System Development: Iterative Release (IR) FY29Q4	4	2029	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2023	2	2023	3	2023
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2024	2	2024	3	2024
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2025	2	2025	3	2025
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2026	2	2026	3	2026
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2027	2	2027	3	2027
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2028	2	2028	3	2028
Test & Evaluation: Trident Warrior/DCGS Family of Systems (FoS) 2029	2	2029	3	2029
Test & Evaluation: Cyber Test FY23 Q1	1	2023	1	2023
Test & Evaluation: Cyber Test FY23 Q3	3	2023	3	2023
Test & Evaluation: Cyber Test FY24 Q1	1	2024	1	2024
Test & Evaluation: Cyber Test FY24 Q3	3	2024	3	2024
Test & Evaluation: Cyber Test FY25 Q1	1	2025	1	2025
Test & Evaluation: Cyber TestFY25 Q3	3	2025	3	2025
Test & Evaluation: Cyber Test FY26 Q1	1	2026	1	2026
Test & Evaluation: Cyber TestFY26 Q3	3	2026	3	2026
Test & Evaluation: Cyber Test FY27 Q1	1	2027	1	2027
Test & Evaluation: Cyber Test FY27 Q3	3	2027	3	2027
Test & Evaluation: Cyber Test FY28 Q1	1	2028	1	2028
Test & Evaluation: Cyber Test FY28 Q3	3	2028	3	2028
Test & Evaluation: Cyber Test FY29 Q1	1	2029	1	2029
Test & Evaluation: Cyber Test FY29 Q3	3	2029	3	2029
Test & Evaluation: COTF T&E FY23	2	2023	2	2023
Test & Evaluation: COTF T&E FY24	2	2024	2	2024
Test & Evaluation: COTF T&E FY25	2	2025	2	2025
Test & Evaluation: COTF T&E FY26	2	2026	2	2026

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Test & Evaluation: COTF T&E FY27	2	2027	2	2027
Test & Evaluation: COTF T&E FY28	2	2028	2	2028
Test & Evaluation: COTF T&E FY29	2	2029	2	2029
Production: DCGS-N Inc 2 Procurement	1	2023	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*				Project (Number/Name) 2351 / *MDA*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
2351: *MDA*	7.846	9.411	3.269	3.028	-	3.028	3.124	3.159	3.224	3.292	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Maritime Domain Awareness (MDA) project is a portfolio of partnerships that leverages the investments of other agencies in MDA tools and data, and funds the enhancement of those tools to meet Navy requirements for worldwide over-the-horizon vessel tracking and other MDA data in support of Distributed Common Ground System-Navy (DCGS-N), Automated Identification System (AIS) program of record, MDA analysts at Fleet Maritime Operations Centers, and at the Office of Naval Intelligence. The MDA project manages the partnership with the Department of Transportation to leverage the Maritime Safety and Security Information System (MSSIS) and SeaVision, an unclassified non-Public Key Infrastructure (PKI) information-sharing tool used by United States Indo-Pacific Command (INDOPACOM), European Command (EUCOM), Africa Command (AFRICOM), Southern Command (SOUTHCOM), other USG agencies, and foreign partner nations to increase maritime security by sharing information. SeaVision produces a track picture based data contributed by MSSIS partners such as coastal AIS and coastal radar and augmented with commercially procured data. SeaVision is a cloud-based system where users can visualize vessel tracks, access vessel information and run a growing set of analytics. SeaVision also has Application Programming Interfaces (APIs) for machine-to-machine data exchange with authorized systems including the Navy's AIS program of record.

The MDA project manages the partnership with the National Reconnaissance Office (NRO) to leverage the THRESHER system. THRESHER is a cloud-based system that provides over-the-horizon vessel tracking and analysis tools enhanced by Artificial Intelligence/Machine Learning (AI/ML). The MDA project is working with NRO to enhance THRESHER capabilities to improve the correlated and fused track feed provided over the Integrated Broadcast Service and improve THRESHER analytics on both JWICS and SIPR net.

FY 2025 efforts for MDA SeaVision include user driven and prioritized feature enhancements documented in the System Requirements Specification 8.0, which was developed with the stakeholder community in 2023. Major capabilities include the integration with AI/ML platforms to improve analysis, and enhanced interoperability with Office of Naval Intelligence Authoritative Maritime Services. These efforts also include back-end enhancements to the MSSIS to facilitate better data throughput and conditioning. Efforts for THRESHER include user driven feature enhancements to analytics and improved correlation and fusion algorithms.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**
Title: Maritime Domain Awareness (MDA)	9.411	3.269	3.028	0.000	3.028
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue improvement of SeaVision analytics through enhancements that were documented in the System Requirements Specification 8.0 - Continue integration of additional data sources into SeaVision					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2351 / *MDA*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Continue improvements to Maritime Safety Security Information System (MSSIS) to increase data throughput capacity and conditioning - Continue improvements to THRESHER analytics based on direct Fleet input - Continue enhancement of THRESHER algorithms to improve correlation and fusion of tracks ***FY 2025 Base Plans:*** - Continue improvement of SeaVision analytics through enhancements that were documented in the System Requirements Specification 8.0 - Continue integration of additional data sources into SeaVision - Continue improvements to Maritime Safety Security Information System (MSSIS) to increase data throughput capacity and conditioning - Continue improvements to THRESHER analytics based on direct Fleet input - Continue enhancement of THRESHER algorithms to improve correlation and fusion of tracks ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant changes from FY24 to FY25.					
Accomplishments/Planned Programs Subtotals	9.411	3.269	3.028	0.000	3.028

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

MDA is governed under the Program Executive Office for Command, Control, Communications, Computers, Intelligence, and Space (PEO C4I and Space) instruction for non-ACAT projects. MDA will fund partner agencies for the enhancement of existing tools to satisfy Navy requirements.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2351 / *MDA*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	WR	NIWC PAC : San Diego, CA	2.642	7.402	Oct 2022	1.397	Oct 2023	1.156	Oct 2024	-		1.156	Continuing	Continuing	Continuing
Software Development	MIPR	DOT Volpe Center : Cambridge, MA	1.643	0.831	Oct 2022	0.702	Oct 2023	0.702	Oct 2024	-		0.702	Continuing	Continuing	Continuing
Software Development	MIPR	Classified Contracts : Classified Contracts	3.561	1.178	Oct 2022	1.170	Oct 2023	1.170	Oct 2024	-		1.170	Continuing	Continuing	Continuing
		Subtotal	7.846	9.411		3.269		3.028		-		3.028	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	7.846	9.411		3.269		3.028		-		3.028	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2351 / *MDA*

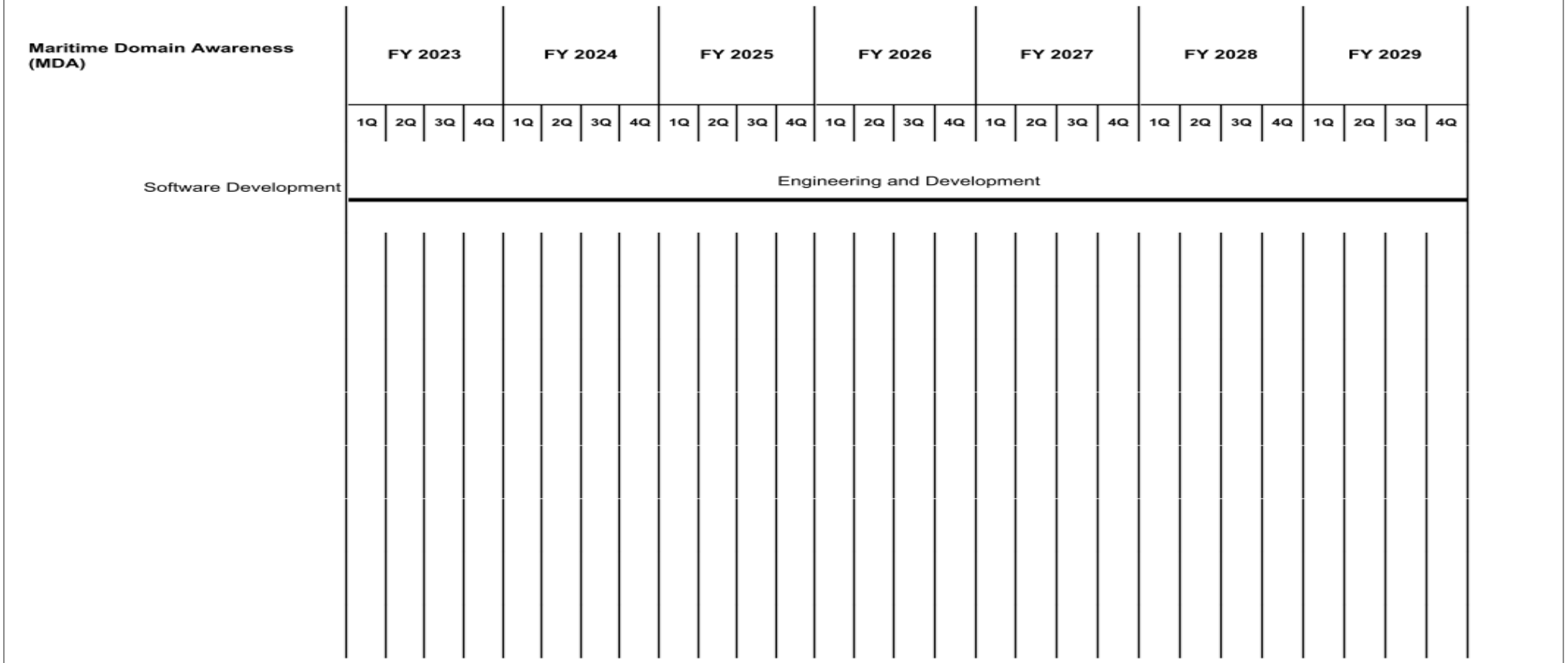

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2351 / *MDA*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Maritime Domain Awareness (MDA)				
Software Development: Engineering and Development	1	2023	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 2363 / *Remote Sensing Capability Development*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
2363: *Remote Sensing Capability Development*	0.000	0.000	4.801	3.820	-	3.820	3.956	4.039	4.136	4.239	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

Remote Sensing Capability Development (RSCD) Program (Project 2363) has been realigned from PE 0604231N to PE 0304785N starting in FY24; RSCD is a Military Intelligence Program (MIP), which aligns to PE 0304785N.

A. Mission Description and Budget Item Justification

The RSCD project is the Navy's flagship effort for developing and fielding maritime Artificial Intelligence (AI) / Machine Learning (ML) Automatic Target Recognition (ATR) models in support of the Top Secret / Sensitive Compartmented Information (TS/SCI) SEAHORSE process. SEAHORSE addresses several Fleet Integrated Prioritized Capability Lists, Chief of Naval Operations Guidance directives, Long Range Fires, and Intelligence Community requirements. RSCD matures and fields AI/ML models designed to detect general maritime objects and specific hard targets that cannot be located by any other means. RSCD partners with the National Reconnaissance Office (NRO) and the National Geospatial Intelligence Agency (NGA) to build a streamlined, cohesive end-to-end Tasking, Collections, Processing, Exploitation, and Dissemination (TCPED) process tailored to meet Navy warfighting needs. The RSCD project builds and deliverers AI/ML decision and sense-making applications to the NRO and NGA for inclusion in the National Maritime GEOINT Architecture with the end goal of accelerating the delivery of GEOINT-derived intelligence to the Fleet.

FY2025 activities will continue AI/ML application development, deliver Fleet-wide training, and migrate legacy SEAHORSE AI/ML ATR architecture.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Remote Sensing Capability Development (RSCD)	0.000	4.801	3.820	0.000	3.820
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue to collect data in various weather and sea states to broaden the range of environmental conditions, reduce uncertainty in environmental prediction, and generate training data sets for Machine Learning. - Continue to conduct software algorithm performance analysis and enhancements to automatically detect oceanographic phenomena and data repository to test and evaluate, create performance metrics, and understand computational performance					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
of algorithms and technologies that enhance the fleet's battle space awareness. - Continue to conduct software algorithm enhancements to address improvements identified through performance analysis. - Continue to integrate software algorithm enhancements. - Continue to coordinate Tasking, Collections, Processing, Exploitation, and Dissemination (TCPED) process amongst inter-agencies to support Navy Missions. ***FY 2025 Base Plans:*** - Continue to collect data against priority targets in various weather and sea states to broaden the range of environmental conditions, reduce uncertainty in environmental prediction, and generate training data sets for SEAHORSE Automatic Target Recognition (ATR) and Machine Learning (ML) applications. - Continue to conduct software algorithm performance analysis and enhancements to automatically detect non-emitting (dark) targets and data repository to test and evaluate, create performance metrics, and understand computational performance of algorithms and technologies that enhance the fleet's battle space awareness. - Continue to conduct software algorithm enhancements to address improvements identified through performance analysis. - Continue to coordinate and improve Tasking, Collections, Processing, Exploitation, and Dissemination (TCPED) process amongst inter-agencies to support Navy Missions. - Develop and deliver SEAHORSE specific training to the Fleet. - Integrate Geospatial Intelligence data in Naval Long Range Fires enabling systems. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease of $0.981M from FY 2024 to FY 2025 is attributed to completion of algorithm decision migration.					
Accomplishments/Planned Programs Subtotals	0.000	4.801	3.820	0.000	3.820

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

D. Acquisition Strategy

The Remote Sensing Capabilities Development (RSCD) acquisition strategy is being managed by the Program Executive Office Command, Control, Communications, Computers and Intelligence (PEO C4I) and Space, via a Project Definition Document (PDD) construct for acquisition rigor and oversight.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RSCD Software Development	C/FFP	SAIC : Reston, VA	0.000	0.000		0.518	Feb 2024	0.000		-		0.000	0.000	0.518	-
RSCD Software Development	WR	NRL : Various	0.000	0.000		0.614	Nov 2023	0.450	Nov 2024	-		0.450	Continuing	Continuing	Continuing
RSCD Software Development	C/FFP	Valiant : San Diego, CA	0.000	0.000		1.089	Apr 2024	1.020	Apr 2025	-		1.020	Continuing	Continuing	Continuing
RSCD Software Development	C/FFP	Classified Contracts : Classified Contracts	0.000	0.000		0.000		0.576	Jan 2025	-		0.576	Continuing	Continuing	Continuing
		Subtotal	0.000	0.000		2.221		2.046		-		2.046	Continuing	Continuing	N/A

Remarks

FY23 cost captured under PE 0604231N. The Remote Sensing Capability Development (RSCD) program has been realigned from PE 0604231N to PE 0304785N starting in FY24. Starting in FY25 software development costs are reflecting an additional performer to align with current strategies.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RSCD Architecture	WR	NIWC PAC : San Diego, CA	0.000	0.000		0.774	Nov 2023	0.282	Nov 2024	-		0.282	Continuing	Continuing	Continuing
RSCD Architecture	C/FFP	MITRE : San Diego, CA	0.000	0.000		0.000		0.250	Oct 2024	-		0.250	Continuing	Continuing	Continuing
		Subtotal	0.000	0.000		0.774		0.532		-		0.532	Continuing	Continuing	N/A

Remarks

FY23 cost captured under PE 0604231N. The Remote Sensing Capability Development (RSCD) program has been realigned from PE 0604231N to PE 0304785N starting in FY24. Starting in FY25 architecture support costs are reflecting an additional performer to align with current strategies.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	SNL (DOE) : Albuquerque, NM	0.000	0.000		0.774	Nov 2023	0.350	Nov 2024	-		0.350	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	C/FFP	Valiant : San Diego, CA	0.000	0.000		1.032	Apr 2024	0.892	Apr 2025	-		0.892	Continuing	Continuing	Continuing
		Subtotal	0.000	0.000		1.806		1.242		-		1.242	Continuing	Continuing	N/A

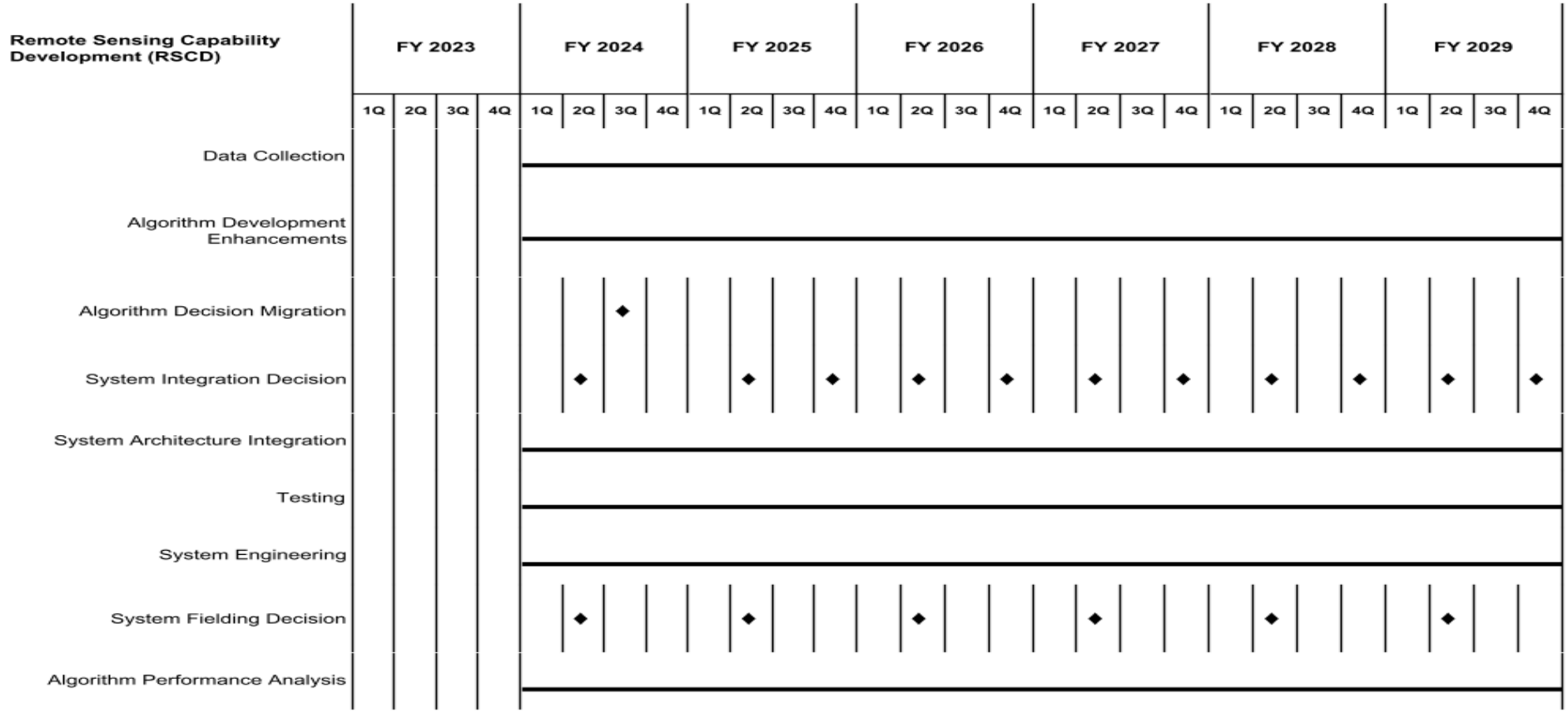
Remarks

FY23 cost captured under PE 0604231N. The Remote Sensing Capability Development (RSCD) program has been realigned from PE 0604231N to PE 0304785N starting in FY24.

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000		4.801		3.820		-		3.820	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*



2025PB - 0304785N - 2363 Starting in FY25 Algorithm Decision Mitigation are removed and schedule accounts for a twice a year System Integration Decision instead to Integrate Geospatial Intelligence data in Naval Long Range Fires enabling systems.

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Remote Sensing Capability Development (RSCD)				
Data Collection: Data Collection	1	2024	4	2029
Algorithm Development Enhancements: Algorithm Enhancements	1	2024	4	2029
Algorithm Decision Migration: Algorithm Decision (AD) 2.5.1	3	2024	3	2024
System Integration Decision: System Integration Decision (ID) 2.4	2	2024	2	2024
System Integration Decision: System Integration Decision (ID) 2.5	2	2025	2	2025
System Integration Decision: System Integration Decision (ID) 2.5.1	4	2025	4	2025
System Integration Decision: System Integration Decision (ID) 2.6	2	2026	2	2026
System Integration Decision: System Integration Decision (ID) 2.6.1	4	2026	4	2026
System Integration Decision: System Integration Decision (ID) 2.7	2	2027	2	2027
System Integration Decision: System Integration Decision (ID) 2.7.1	4	2027	4	2027
System Integration Decision: System Integration Decision (ID) 2.8	2	2028	2	2028
System Integration Decision: System Integration Decision (ID) 2.8.1	4	2028	4	2028
System Integration Decision: System Integration Decision (ID) 2.3	2	2029	2	2029
System Integration Decision: System Integration Decision (ID) 2.3.1	4	2029	4	2029
System Architecture Integration: System Architecture Integration	1	2024	4	2029
Testing: Testing	1	2024	4	2029
System Engineering: System Engineering	1	2024	4	2029
System Fielding Decision: System Fielding Decision (FD) 2.3	2	2024	2	2024
System Fielding Decision: System Fielding Decision (FD) 2.4	2	2025	2	2025
System Fielding Decision: System Fielding Decision (FD) 2.5	2	2026	2	2026
System Fielding Decision: System Fielding Decision (FD) 2.6	2	2027	2	2027

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 2363 / *Remote Sensing Capability Development*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
System Fielding Decision: System Fielding Decision (FD) 2.7	2	2028	2	2028
System Fielding Decision: System Fielding Decision (FD) 2.8	2	2029	2	2029
Algorithm Performance Analysis: Algorithm Performance Analysis	1	2024	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 3091 / *Advanced Cryptological Sys Eng (CCOP)*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
3091: *Advanced Cryptological Sys Eng (CCOP)*	13.511	4.853	8.109	7.997	-	7.997	8.440	8.749	8.947	9.132	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Advanced Cryptologic Systems Engineering - Cryptologic Carry On Program (CCOP) rapidly develops and fields state-of-the-art signal acquisition capabilities in response to Combatant Command requirements to provide augmentable, quick-reaction surface, subsurface and airborne cryptologic carry-on capabilities. There are approximately 124 cryptologic capable surface ships and shore sites in the current Naval inventory; each of these is a potential user of this carry-on equipment, depending on deployment schedules and the tempo of operations. In addition, there are other numerous Naval platforms (including U.S. Coast Guard, Patrol Craft and USNS) that could serve as potential users. This funding line provides resources to enable rapid transition of available Commercial Off-The-Shelf (COTS) and Government Off -The-Shelf (GOTS) technologies to satisfy Fleet requirements with carry-on system functionalities. These technologies typically require various levels of integration to leverage on-board systems for system and mission management, product reporting, and data analysis. COTS / GOTS system documentation and training materials require adaptation or modification to meet fleet operator requirements, or entirely new training materials may need to be developed. Prior to operational deployment, systems must be systematically tested to ensure suitable and reliable operation, tested for network vulnerabilities if connected to shipboard Local Area Networks, and tested relative to interoperability requirements. Certification testing is conducted to meet Office of Naval Intelligence security requirements, and network testing is conducted in accordance with Information Technology (IT) requirements to allow connection to Navy networks. Funding will also provide resources to address rapid deployment of enhancements or improvements to the common hardware and/or software baseline of all other carry-on subsystems to meet emergent requirements. Funding will support development and integration efforts to fuse data produced and distributed by Shipboard Information Warfare (IW) / Information Operations (IO) systems with other intelligence data at multiple classification levels which is then provided to shipboard combat systems to support kinetic (bombs, mortars, missiles, bullets, etc.) and non-kinetic fires (electronic attack, lasers, cyber) in order to enable a more agile, effective and complete exploitation of the electromagnetic spectrum.

In FY 2025, the Advanced Cryptologic Systems Engineering - CCOP program will integrate, test, and document identified COTS and GOTS augmentable technologies and subsystems to meet emergent Fleet requirements as specified in the Signal of Interest (SOI) and target threat lists. CCOP will develop upgrades to existing systems and subsystems according to Fleet requirements and Integrated Fleet Priority lists. CCOP will develop new signal processing algorithms and software based solutions to continue enabling rapid transition of capability to permanently installed Ship's Signal Exploitation Space (SSES) systems, including SSEE Family of Systems (FoS) and its variants. CCOP will conduct research and development of Adaptive Mission Modules for rapid insertion to counter specific threats or provide intelligence in specific areas of operation. More details are available at higher classification. CCOP will complete Limited Objective Experiment (LOE) for capabilities identified and developed during prior year research and development efforts as identified by Stakeholders and will begin quarterly Red Falcon software releases to meet Fleet emergent requirements.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Advanced Cryptological Sys Eng - Cryptologic Carry On Program (CCOP)	4.853	8.109	7.997	0.000	7.997
Articles:	-	-	-	-	-
FY 2024 Plans: - Begin LOE for SWAMPDONKEY which will allow shipboard operators to conduct electronic countermeasures against a specific class of signals (details held at higher classification). - Begin LOE for VIKING VESPER which will provide SSES operators with capability to provide collection and recording on high data rate signals (details held at higher classification). - Continue to integrate, test, and document identified COTS and GOTS augmentable technologies and subsystems to meet emergent Fleet requirements as specified in the SOI and target threat lists. - Continue to develop upgrades to existing systems and subsystems according to Fleet requirements and Integrated Fleet Priority lists. - Continue to develop new signal processing algorithms and software based solutions to continue enabling rapid transition of capability to permanently installed SSES systems, including SSEE FoS and its variants. - Continue to conduct research and development of Adaptive Mission Modules for rapid insertion to counter specific threats or provide intelligence in specific areas of operation. More details are available at higher classification.					
FY 2025 Base Plans: -Continue to integrate, test, and document identified Commercial Off the Shelf (COTS) and Government Off the Shelf (GOTS) augmentable technologies and subsystems to meet emergent Fleet requirements as specified in the Signal of Interest (SOI) and target threat lists. - Continue to develop upgrades to existing systems and subsystems according to Fleet requirements and Integrated Fleet Priority lists. - Continue to develop new signal processing algorithms and software based solutions to continue enabling rapid transition of capability to permanently installed Ship's Signal Exploitation Space (SSES) systems, including SSEE Family of Systems (FoS) and its variants. - Continue to conduct research and development of Adaptive Mission Modules for rapid insertion to counter specific threats or provide intelligence in specific areas of operation. More details are available at higher classification. - Complete Limited Objective Experiment (LOE) for capabilities identified and developed during prior year research and development efforts as identified by Stakeholders.					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Begin quarterly Red Falcon software releases to meet Fleet emergent requirements. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant changes from FY 2024 to FY 2025.					
Accomplishments/Planned Programs Subtotals	4.853	8.109	7.997	0.000	7.997

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• OPN/3501: *Cryptologic Communications Equip*	28.832	17.483	15.506	-	15.506	15.712	15.740	16.088	16.426	Continuing	Continuing

Remarks

OPN BLI 3501 includes multiple programs; CCOP is only a portion of that budget

D. Acquisition Strategy

The Advanced Cryptologic Systems Engineering - Cryptologic Carry On Program (CCOP) program delivers state-of-the-art signal acquisition software for CCOP systems in response to Combatant Command requirements for a quick-reaction surface, subsurface and airborne cryptologic carry-on capability.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	C/CPFF	Classified Contract : Classified Contract	8.376	2.713	Jan 2023	4.487	Jan 2024	4.375	Jan 2025	-		4.375	Continuing	Continuing	Continuing
Software Development	WR	NIWC PAC : San Diego, CA	1.705	0.573	Nov 2022	0.980	Nov 2023	0.980	Nov 2024	-		0.980	Continuing	Continuing	Continuing
Software Development	WR	NIWC LANT : Charleston, SC	0.880	0.322	Nov 2022	0.550	Nov 2023	0.550	Nov 2024	-		0.550	Continuing	Continuing	Continuing
		Subtotal	10.961	3.608		6.017		5.905		-		5.905	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	C/CPFF	Classified Contract : Classified Contract	1.345	0.491	Jan 2023	0.803	Jan 2024	0.803	Jan 2025	-		0.803	Continuing	Continuing	Continuing
Govt Tech Oversight	WR	NIWC PAC : San Diego	0.647	0.237	Nov 2022	0.405	Nov 2023	0.405	Nov 2024	-		0.405	Continuing	Continuing	Continuing
		Subtotal	1.992	0.728		1.208		1.208		-		1.208	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NIWC LANT : Charleston, SC	0.558	0.517	Nov 2022	0.884	Nov 2023	0.884	Nov 2024	-		0.884	Continuing	Continuing	Continuing
		Subtotal	0.558	0.517		0.884		0.884		-		0.884	Continuing	Continuing	N/A

Remarks

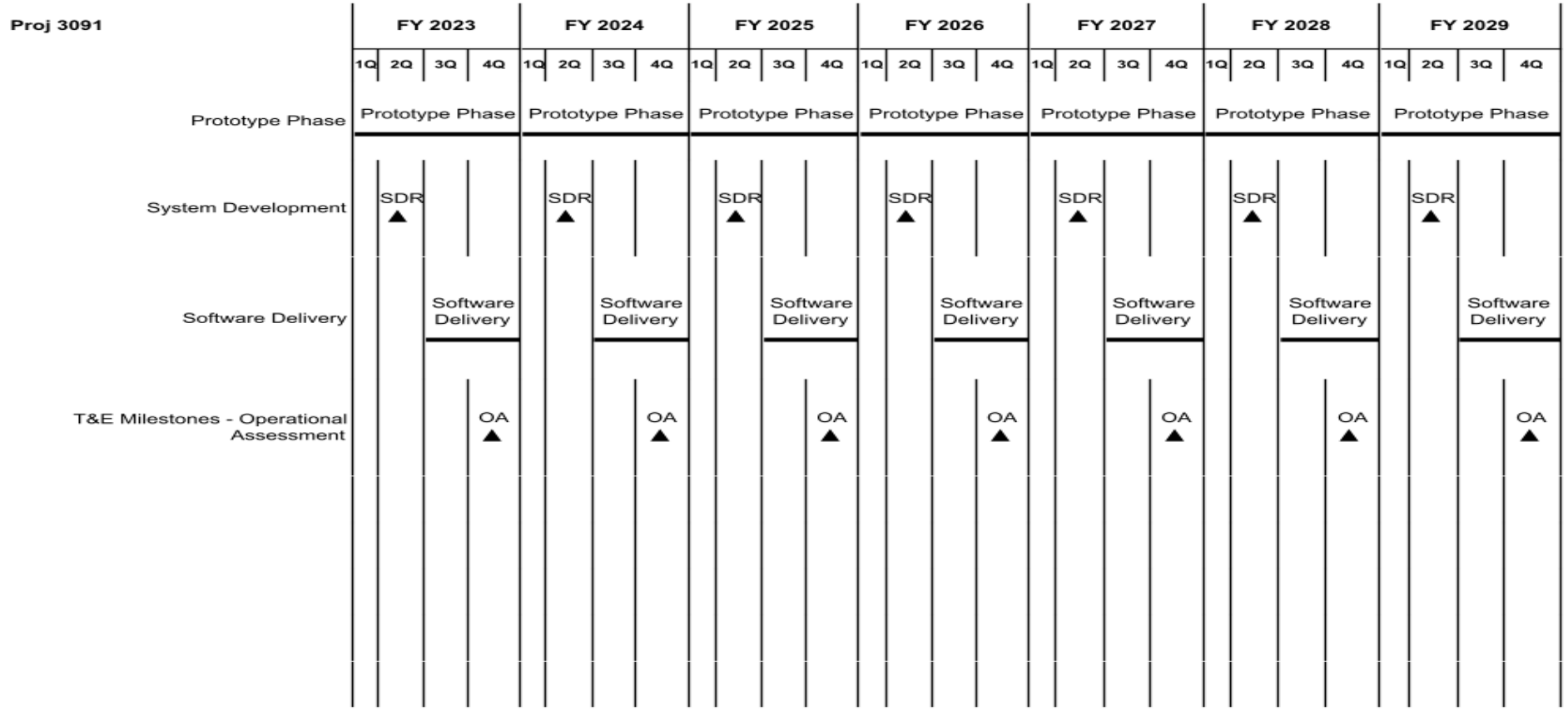
Each Line Represents (by sort order): 5) Developmental Test & Evaluation CCOP.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 3091 / *Advanced Cryptological Sys Eng (CCOP)*	

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	13.511	4.853		8.109		7.997		-		7.997	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*



2025PB - 0304785N - 3091

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3091				
Prototype Phase: Prototype Phase - 2023	1	2023	4	2023
Prototype Phase: Prototype Phase -2024	1	2024	4	2024
Prototype Phase: Prototype Phase -2025	1	2025	4	2025
Prototype Phase: Prototype Phase -2026	1	2026	4	2026
Prototype Phase: Prototype Phase -2027	1	2027	4	2027
Prototype Phase: Prototype Phase - 2028	1	2028	4	2028
Prototype Phase: Prototype Phase - 2029	1	2029	4	2029
System Development: System Design Review (SDR) - 2023	2	2023	2	2023
System Development: System Design Review (SDR) - 2024	2	2024	2	2024
System Development: System Design Review (SDR) - 2025	2	2025	2	2025
System Development: System Design Review (SDR) - 2026	2	2026	2	2026
System Development: System Design Review (SDR) - 2027	2	2027	2	2027
System Development: System Design Review (SDR) - 2028	2	2028	2	2028
System Development: System Design Review (SDR) - 2029	2	2029	2	2029
Software Delivery: Software Delivery - 2023	3	2023	4	2023
Software Delivery: Software Delivery - 2024	3	2024	4	2024
Software Delivery: Software Delivery - 2025	3	2025	4	2025
Software Delivery: Software Delivery - 2026	3	2026	4	2026
Software Delivery: Software Delivery - 2027	3	2027	4	2027
Software Delivery: Software Delivery - 2028	3	2028	4	2028
Software Delivery: Software Delivery - 2029	3	2029	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3091 / *Advanced Cryptological Sys Eng (CCOP)*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2023	4	2023	4	2023
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2024	4	2024	4	2024
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2025	4	2025	4	2025
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2026	4	2026	4	2026
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2027	4	2027	4	2027
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2028	4	2028	4	2028
T&E Milestones - Operational Assessment: Operational Assessment (OA) - 2029	4	2029	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*				Project (Number/Name) 3786 / *Tactical Edge Targeting*			
COST ($ in Millions)	**Prior Years**	**FY 2023**	**FY 2024**	**FY 2025 Base**	**FY 2025 OCO**	**FY 2025 Total**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**Cost To Complete**	**Total Cost**
3786: *Tactical Edge Targeting*	45.128	18.887	22.260	22.364	-	22.364	21.279	20.972	21.394	21.842	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Tactical Edge Targeting (TET)	18.887	22.260	22.364	0.000	22.364
Articles:	-	-	-	-	-
FY 2024 Plans: The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.					
FY 2025 Base Plans: The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement: The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	18.887	22.260	22.364	0.000	22.364

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0304785N / *ISR & INFO OPERATIONS*	Project (Number/Name) 3786 / *Tactical Edge Targeting*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Classified	Various	Classified : Classified	45.128	18.887	Jan 2023	22.260	Jan 2024	22.364	Jan 2025	-		22.364	Continuing	Continuing	Continuing
		Subtotal	45.128	18.887		22.260		22.364		-		22.364	Continuing	Continuing	N/A

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	45.128	18.887		22.260		22.364		-		22.364	Continuing	Continuing	N/A

Remarks

The details of the TET project are classified SECRET and are submitted annually to Congress in the classified budget justification books.

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3786 / *Tactical Edge Targeting*

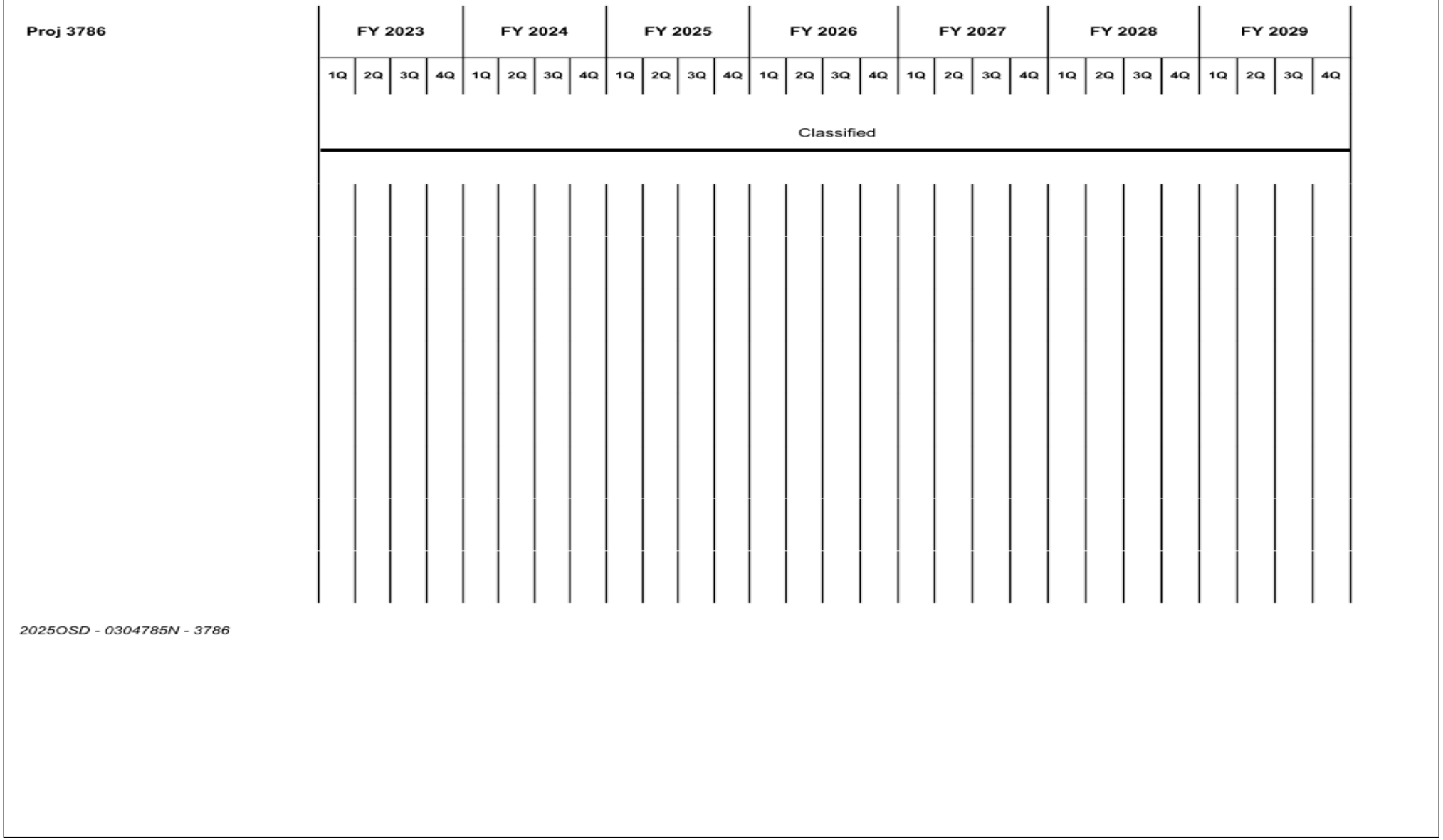


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 5	**R-1 Program Element (Number/Name)** PE 0304785N / *ISR & INFO OPERATIONS*	**Project (Number/Name)** 3786 / *Tactical Edge Targeting*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3786				
Classified	1	2023	4	2029