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 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0206625M *I USMC Intelligence/Electronics Warfare Sys*

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	263.994	51.456	47.762	37.372	-	37.372	39.982	33.554	35.168	36.237	Continuing	Continuing
2272: *Intel Command and Control (C2) Sys*	237.817	44.442	25.810	25.623	-	25.623	26.321	24.376	24.820	24.855	Continuing	Continuing
3771: *Tactical Exploitation of National Capabilities (TENCAP)*	26.177	7.014	21.952	11.749	-	11.749	13.661	9.178	10.348	11.382	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element (PE) for Intelligence Command and Control (C2) includes Military Intelligence Program (MIP) funds for Marine Corps Intelligence capabilities necessary to support the employment of intelligence, reconnaissance, surveillance (ISR), and target acquisition resources integral to delivering decision advantage at the speed of operational relevance. Marine Corps intelligence capabilities are divided into three functional areas organized along intelligence processes: Sensing (persistent ISR), Analysis (Distributed Common Ground/Surface System Marine Corps), and Dissemination (intelligence dissemination and utilization). This PE funds the Sensing and Dissemination portfolios while the Analysis portfolio is budgeted under DCGS-MC PE 0305208M.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	51.976	47.762	53.993	-	53.993
Current President's Budget	51.456	47.762	37.372	-	37.372
Total Adjustments	-0.520	0.000	-16.621	-	-16.621
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.520	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-13.625	-	-13.625
• Rate/Misc Adjustments	0.000	0.000	-2.996	-	-2.996

Change Summary Explanation

The decrease from Previous President's Budget is primarily attributed to Tactical Exploitation of National Capabilities (TENCAP) completion of low-equity sensor development and Communication Emitter Sensing and Attacking System (CESAS) completion of Enhanced Electronic Warfare (EW) platform integration kits for the JTLV and NTV.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*				Project (Number/Name) 2272 / *Intel Command and Control (C2) Sys*			
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**
2272: *Intel Command and Control (C2) Sys*	237.817	44.442	25.810	25.623	-	25.623	26.321	24.376	24.820	24.855	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

INTELLIGENCE COMMAND AND CONTROL (C2): includes Military Intelligence Program (MIP) funds for Marine Corps Intelligence capabilities necessary to support the employment of intelligence, reconnaissance, surveillance (ISR), and target acquisition resources integral to delivering decision advantage at the speed of operational relevance outlined in the 2022 National Defense Strategy and integral to Force Design 2030. This equipment will be employed inside the weapons engagement zone (WEZ) and will support the warfighter in populating the kill-web and shortening the kill-chain process. This capability involves sensing the operational environment through a variety of systems, from satellites overhead to reconnaissance Marines on the ground, and providing that information to Marine Corps Intelligence Commanders, Joint Intelligence Centers, and to Five Eyes (FVEY) partners for use in operational planning.

COMMUNICATION EMITTER SENSING and ATTACKING SYSTEM (CESAS). This is a high-power ground electronic attack (EA) system which disrupts, denies, and degrades enemy communications in support of reconnaissance/counter-reconnaissance (RXR) and infantry maneuver. CESAS supports Maritime Domain Awareness (MDA) by contributing sensor data to joint Electromagnetic Battle Management (EMBM) systems to provide decision advantage to commanders. CESAS is employed by trained operators from the Marine Radio Battalions and Marine Forces Special Operations Command (MARFORSOC) to sense and make sense of the electromagnetic spectrum and provide non-kinetic fires tailored to support infantry and maneuver elements. CESAS provides sensing and attacking in the high frequency (HF), very high frequency (VHF), and ultra-high frequency (UHF) ranges against enemy emitters with modern modulation schemes. An increase to the CESAS II FoS Authorized Acquisition Objective (AAO) in support of Force Design 2030 initiatives equips SIEW Teams to the infantry battalion, Radio Reconnaissance Teams (RRTs), Light Armored Vehicle - Electronic Warfare (LAV-EW), MARFORSOC operators, and the Supporting Establishment with modern electronic warfare (EW) systems capable of countering peer threat emitters. CESAS II FoS uses an incremental acquisition strategy, incorporating the Enhanced EW phased approach to integrating new capabilities to maintain pace with adversaries. CESAS includes the Advanced Electronic Warfare Digital Payload (AEWDP) system, which is the entry point for ground electronic attack in the Command, Control, Computers, Communications, Cyber, Intelligence, Surveillance, and Reconnaissance/Electronic Warfare (C5ISR/ EW) Modular Open Suite of Standards (CMOSS) architecture for Sensor Open Systems Architecture (SOSA) compliant operations. AEWDP provides the MAGTF an EW system able to exploit and disrupt enemy command and control (C2), and intelligence surveillance reconnaissance (ISR) using nontraditional attack vectors. Spectrum Services Framework (SSF) enabling the Electromagnetic Operations Cell to perform its mission by providing a critical open backend framework for rapid development of software services and applications across real-time and historical Electromagnetic Spectrum (EMS) data to support mission planning and execution of Electromagnetic Spectrum Operations (EMSO) and Cyberspace Operations across the FMF's Operational Environment utilizing Joint All Domain Command and Control (JADC2) information exchanges. The Constructive Electromagnetic Operating Environment System (CEMOES) provides an organic, unit- employable capability that creates a realistic operational frequency environment for multiple occupational fields to perform full electromagnetic spectrum home station training.

INTEGRATED BROADCAST RADIO (IBR). IBR is a family of tactical terminals that provide direct, over-the-air access to the Integrated Broadcast Service (IBS) and receive and process near-real time (NRT) multi-intelligence data from strategic, theater, and tactical sensors to include: signals intelligence information, target

tracks, Theater Ballistic Missile Defense indications and warnings, and other situational awareness data. IBR supports Expeditionary Advanced Base Operations and Distributed Operations concepts by providing battlespace awareness to commanders at the tactical level via resilient communications pathways designed for disadvantaged or denied users, including intelligence and operations personnel, Marine Corps Infantry, long-range fires weapon systems, and aviation platforms. Marine Corps IBR terminals are employed at all echelons with the MAGTF. Marine Corps IBR tactical terminals conform to the Department of Defense (DoD) objectives of interoperability and commonality to receive and process multi-intelligence data. Able to operate in a receive-only mode for critical emissions control, IBR tactical terminals provide the Marine Corps with low-signature and affordable capabilities that enhance joint and international interoperability, increase maritime domain awareness, and enable a range of operations in the fast paced, widely dispersed, peer-threat operating environment. The U.S. Air Force is the executive agent (EA) for IBS, directing a multiservice and international Architecture designed to keep pace with commanders' targeting and information requirements identified in the Joint Requirements Oversight Counsel (JROC) approved IBS Enterprise Information Systems - Capability Development Document (IS-CDD). Current IBR tactical terminals include the Embedded National Tactical Receiver (ENTR) version 2 (V2) and the ENTR version 4 (V4), which provide connectivity to the IBS Common Interactive Broadcast and IBS Alternative Path via UHF satellite communications (SATCOM) channels. Future plans include Executive Agent mandated modernization requirements, including new standards for Primary, Alternate, Contingency, Emergency (PACE) Plan and joint validation of authorized transmit terminals, enabling USMC organic sensor data to feed the IBS Enterprise.

TACTICAL SIGNALS INTELLIGENCE (SIGINT) COLLECTION SYSTEM (TSCS): TSCS is the primary program of record for the USMC SIGINT/EW community to provide maritime and all domain awareness to the Stand in Force and Joint Force. TSCS provides modular, lightweight, and team portable/body worn systems and components that provide signals intercept, collection, direction-finding (DF) precision geo-location, reporting, and collection management capability in the Marine Air-Ground Task Force (MAGTF). TSCS is employed by trained operators from the Marine Radio Battalions and Marine Forces Special Operations Command (MARFORSOC) to sense and make sense of the electromagnetic spectrum. TSCS contributes to the MAGTF's Intelligence, Surveillance, and Reconnaissance (ISR) capability, enables Electronic Warfare (EW), and lethal strike capabilities; and provides the disruptive and less-lethal capabilities appropriate for countering malign activity by actors pursuing maritime "gray zone" strategies. These capabilities enable Expeditionary Advanced Base Operations (EABO) by supporting operations to both locate and target advanced adversary communications technology. The TSCS Family of Systems (FoS) incorporates the Radio Reconnaissance Equipment Program (RREP) and Team Portable Collection Systems - Multi-Platform Capable (TPCS-MPC) programs into a single program, providing a modular and scalable suite of equipment that exploits information from more technically advanced target sets. Platform Integration Kits (PIK) allow Marines to utilize equipment from the TSCS FoS, on USMC tactical vehicles and the MV-22 to provide Precision Geolocation (PGL) capability which enables Marines to locate specific signal emitters with much higher levels of accuracy and enables precision targeting. The TSCS FoS has an incremental acquisition strategy, providing technical refresh for legacy TPCS-MPC and RREP systems as the systems become obsolete and/or require technology insertions to maintain pace with our adversaries. The prioritization of capabilities included in each increment is based on obsolescence and required capability upgrades against advanced target sets. Fluctuations within the funding profile are due to the refresh of different components each year.

MARINE CORPS SENSITIVE COMPARTMENTED INFORMATION NETWORK (SCINet) is the Top Secret/Sensitive Compartmented Information (TS/SCI) portion of the Defense Information System Network and Intelligence Community (IC) Information Technology (IT) Enterprises. SCINet uses advanced networking technologies and associated end user devices that permit point-to-point or multi-point information exchange involving voice, text, graphics, data, and video teleconferencing using various transport technologies. The program enables Marine Corps intelligence to access national intelligence data, services and assets in support of current and future operations in both garrison and tactical environments (ashore and afloat). The end user equipment consists of garrison desktop, tactical laptops, garrison room-based,

desktop and expeditionary video teleconference (VTC) equipment, COMSEC encryption devices for garrison sites, routing/switching premise and back-end garrison connections, local and expeditionary servers, cyber security tools, baseline user workstation software and 24/7 Enterprise operations support. SCINet also provides an SCI platform for data exchange of timely, current, and actionable intelligence from other services and agencies in support of Intelligence, Surveillance, Reconnaissance, and Targeting as well as maneuver and fires capabilities at all echelons. Connectivity through both SCINet and NSANet significantly enhances the detail, timeliness, and quality of intelligence support that intelligence organizations provide to Marine operating forces.

SENSITIVE COMPARTMENTED INFORMATION (SCI) COMMUNICATIONS (SCI Comms) is an Ultra-High Frequency, multi-band satellite communications Family of Systems (FoS), that provides a tactical communications capability at the Top Secret (TS)/SCI level to USMC units in support of Intelligence Operations. The SCI COMMS FoS is the only deployable communications system that is dedicated for TS/SCI data, video and voice communications that can receive and transmit bulk data and imagery products to and from national and tactical intelligence sources. It supports Intelligence Operations by enabling a resilient, federated system of networks to ensure all elements can fight in a degraded command and control environment. The FoS consists of palletized, team level, and man-packable systems - High Bandwidth Special Intelligence-Palletized Terminal (HBSI-PT), Sensitive Compartmented Intelligence Kit (SCIK), and SCI Comms Mobility Pack (SCI Comms MP) - which provide USMC tactical commanders with high-capacity, near-real-time access to intelligence from national agencies, joint intelligence centers, coalition service activities, intelligence producers, and other tactical units via connectivity to Sensitive Compartmented Information Network (SCI NET), National Security Agency (NSA) Network, and Top Secret coalition networks. SCI Comms is employed at multiple levels, to include at the Infantry Battalions for SI/EW operations, as an expeditionary fly-away capability for crisis response and humanitarian and disaster relief, and in support of MAGTF intelligence support to MSE, MEF and MARFOR commanders. SCI Comms coordinates with other Marine Corps C4ISR programs of record to leverage existing capabilities in support of SCI Communications requirements in accordance with NSA and DIA directives.

TERRESTRIAL COLLECTION provides a tactical sensor Family of Systems (FoS) to enable near-real time persistent intelligence, surveillance, and reconnaissance to the Marine Corps and Joint Community. Marine Corps Expeditionary Advanced Base Operations provide Stand-In-Forces placement and access inside an enemy's weapon engagement zone for the emplacement of a network of collection systems that enhance the situational awareness of naval and joint forces operating in the littorals and the wider maritime domain. The Terrestrial Collection System (TCS) FoS equips Intelligence Battalions, Reconnaissance Battalions, Marine Littoral Regiments (MLRs), and Littoral Combat Teams (LCTs) with a network of unattended ground and maritime sensors to enhance Ground and Maritime Domain Awareness and support Recon/Counter-Recon operations. Ground sensors include land-based electro optical/infrared (EO/IR), acoustic, magnetic, and seismic sensors for the detection and identification of ground-based targets. Maritime sensors include both land and sea-based sensors. Land-based maritime sensors encompass surface search radar and passive detection of AIS signals for the detection and identification of maritime targets. Sea based maritime sensors are unattended/autonomous surface platform capable of acoustic, EO/IR, and oceanographic/meteorological sensing to detect and identify maritime targets and increase deep maritime domain awareness beyond the range of shore-based sensors. TCS sensors identify location, disposition, movement, and direction of enemy activity using all-weather multi-modal sensor systems to provide indications and warning of enemy activity for dissemination through Joint All Domain Command and Control (JADC2) using DCGS-MC and the Minotaur Ecosystem for ingestion into a Joint Common Intelligence/Operating Picture. In FY 2023 funds related to GBOSS capability were realigned to Mobile All-Domain Observation and Sensing Systems (MA-DOSS).

MOBILE ALL-DOMAIN OBSERVATION AND SENSING SYSTEM (MA-DOSS) FoS provides persistent, all-domain sensing and surveillance support, tactical early warning, multi-domain intrusion-detection, and forward edge processing/computing of an AI/ML based computer vision capability to the FMF, at the Marine Littoral

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Regiment (MLR), down to any sized Marine element, in order to support the Naval Expeditionary Force (NEF) in the conduct of Sea Denial and Sea Control operations, and to enable force protection for Expeditionary Advanced Bases (EABs), forward fixed sites, and installations. By providing mobile, expeditionary, amphibious, modular, multi-spectral, and persistent surveillance systems based on sensor agnostic unmanned platforms, the MA-DOSS FoS will provide the ability to observe, collect, detect, classify, identify, track, record, and report on contacts, objects of interest, and assess threats twenty-four hours a day utilizing a fused sensor data display while reducing manpower requirements and the cognitive workload on operators and analysts. MA-DOSS will employ advanced Human Machine Teaming (HMT) and leverage the force-multiplying capabilities of Artificial Intelligence/Machine Learning (AI/ML) to execute tasks that normally require human intelligence/interface. Additionally, increased mobility will be achieved with autonomous robotic platforms, thereby enhancing survivability of the primary system and stand-in forces operating inside adversary Weapon Engagement Zones (WEZ). Beginning FY 2024, MA-DOSS transitions to PE: 0206313M Marine Corps Comms Systems Proj: 2270 Exp Indirect Fire Gen Supt Wpn Sys.

COUNTER INTELLIGENCE AND HUMAN INTELLIGENCE(CI/HUMINT) Equipment Program (CIHEP) provides the Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE) with an integrated, standardized, and interoperable suite of collection, information, and communication systems. All reported information is disseminated to the greater Intelligence Community (IC) and Joint Force for follow-on analysis and to inform commanders' decision making. The CIHEP program provides CI/HUMINT specialized equipment that is lightweight, modular, and tailorable to conduct full spectrum tactical CI/HUMINT activities, to include technical CIHEP operations, while carrying only those items necessary to accomplish the mission. This allows CI/HUMINT Marines to collect, process, and report from austere or non-permissive environments anywhere in the world without reliance on Marine Corps communications architecture. CI/HUMINT elements are task-organized to rapidly collect, process, and disseminate counterintelligence and human intelligence information in support of joint military planning and operations. CI/HUMINT Marines have unique placement and access by virtue of the Marine Corps' expeditionary nature, enabling the collection, processing, and dissemination of human derived information not accessible by other collection assets, and allows for the satisfying of both service and Joint Intelligence Requirements. The CIHEP Technical Surveillance and Countermeasures (TSCM) capability is designed to detect, locate, identify, neutralize and exploit a wide variety of adversarial penetration surveillance technologies or vulnerabilities that are used to obtain unauthorized access to classified and sensitive information and counters technical threats to SCIF spaces, sensitive technology, facilities, and vehicles. TSCM consists of electronic equipment, computer/software tools, signal acquisition/waveform, and audio/visual evidence collection assets and allows TSCM practitioners to support both service and Joint missions. Marine Corps TSCM equipment is purchased from a Director, National Security Agency/Chief, Central Security Service (DIRNSA/CHCSS) approved equipment list to maintain pace with current and emerging threat technology.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: *Communication Emitter Sensing and Attacking System (CESAS): Product Development	6.818	5.126	2.687	0.000	2.687
Articles:	-	-	-	-	-
FY 2024 Plans: - Complete development of CESAS Family of Systems (FoS) Enhanced Electronic Warfare (EW) for platform integration kits for the JTLV and NTV, enhanced software baselines, and additional antennas to enhance techniques and frequency range; hardware/software modifications will be implemented via Engineering Change Proposals (ECPs).					

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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 development of CESAS II Inc II program software baseline; software modifications for high speed threat analysis and plugins for the RaptorX user interface will be implemented via Engineering Change Proposals (ECPs). - Initiate development of Advanced Electronic Warfare Digital Payload (AEWDP) mission payloads, processor cards, and antennas scalable effort to provide a modular system capable of integration into USMC vehicles. - Continue development of Constructive Electromagnetic Operational Environment System (CEMOES) to generate a contested Electromagnetic Spectrum (EMS) environment to provide the Operating Forces (OPFOR) the ability to conduct realistic spectrum training. ***FY 2025 Base Plans:*** - Complete development of Constructive Electromagnetic Operational Environment System (CEMOES) hardware and software baseline to generate a contested Electromagnetic Spectrum (EMS) environment to provide the Operating Forces (OPFOR) the ability to conduct realistic spectrum training. - Continue development of CESAS II Inc II program software baseline; Enhanced EW software modifications for threat analysis and plugins for the RaptorX/ TAK-X user interface will enhance ingestion and visualization of radio- frequency (RF) data for mission planning and execution. - Initiate enhancements to SSF user interface by increasing functionality and user experience. - Initiate SSF interoperability with the Joint-Electromagnetic Battle Management (J-EMBM) Enterprise capability. - Initiate sensor integration of SSF with MAGTF Electronic Warfare Ground Family of Systems (MEGFoS). - Initiate development of sensor integration of SSF with spectrum analyzer. - Initiate SIPR-Hub efforts to develop a Joint Interface Control Document (JICD) 4.2.1 messaging standard to support sensor integration, ingestion, and dissemination services. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease from FY 2024 to FY 2025 reflects the completion of product development of CESAS Family of Systems (FoS) Enhanced Electronic Warfare (EW) platform integration kits for the JTLV and NTV, enhanced software baselines, and additional antennas.					
Title: *Communication Emitter Sensing and Attacking System (CESAS): Test and Evaluation	0.630	0.341	2.295	0.000	2.295
Articles:	-	-	-	-	-
FY 2024 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
- Complete building of System Engineering artifacts, system design, test plans and reports, and requirements analysis for the CESAS II FoS Increment II Enhanced Electronic Warfare (EW). - Continue test and evaluation to include Hazards of Electromagnetic Radiation to Ordinance, Personnel, and Fuel (HERO/ HERP/HERF), Antenna Pattern, Direction Finding (DF) Manifold Generation, Co- Site, Aberdeen PIK testing and Component Electromagnetic Interference (EMI) and Environmental Testing. - Continue developmental testing of mission payloads, processor cards, and antennas. - Continue developmental testing of CEMOES. ***FY 2025 Base Plans:*** - Complete test and evaluation to include Hazards of Electromagnetic Radiation to Ordinance, Personnel, and Fuel (HERO/ HERP/HERF), Antenna Pattern, Direction Finding (DF) Manifold Generation, Co- Site, Aberdeen PIK testing and Component Electromagnetic Interference (EMI) and Environmental Testing. - Complete developmental testing of CEMOES. - Complete developmental testing of mission payloads, processor cards, and antennas. - Initiate SSF developmental testing, system integration testing, and government witness testing of multiple Capability Drop (CD) 3 Releases. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 reflects initiation of SSF developmental testing, system integration testing, and government witness testing of multiple CD 3 Releases in order to continue cloud hybridization instantiations of SSF.					
Title: *Communication Emitter Sensing and Attacking System (CESAS): Support	7.215	5.326	4.050	0.000	4.050
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue to provide program support for Communications Emitter Sensing and Attacking System (CESAS) II Family of Systems (FoS). - Continue program support for AEWDP. - Continue the migration support of the SSF into the Common Hosting Environment in order to reside on currently existing program of record hardware, thus reducing the logistical footprint of the units. - Continue support of Spectrum Services Framework (SSF) initiatives towards Capability Drop (CD) 2 & (CD) 3. - Continue program support for CEMOES.					

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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 support of new services onto the SSF, allowing users to ingest critical spectrum information to increase Unit Commanders' situational awareness of the battlefield. - Continue support for sensor integration of Spectrum Services Framework (SSF) with Intrepid Tiger II (IT-II), MAGTF Electronic Warfare Ground Family of Systems (MEGFoS), Multi-Function Electronic Warfare (MFEW) system, and Communication Emitter Sensing and Attacking System (CESAS) Family of System (FoS). - Continue support for code development efforts of Spectrum Services Framework (SSF) in conjunction with cloud hybridization efforts. - Initiate support for the instantiation of SSF on hybrid cloud solution; specifically the DCGS-MC All Source Enterprise Hub. - Initiate support for SSF interfaces with MEGFoS IT II, CESAS II, TCAC, and GCCS-J.					
FY 2025 Base Plans: - Complete support of sensor integration of Spectrum Services Framework (SSF) with Intrepid Tiger II (IT-II). - Complete Capability Drop (CD) 3 Release 2 to transition SSF to PODMAN which supports containerization and establishing migration pathway to Cloud Environment. - Complete support of Graphic User Interface (GUI) Enhancements to enable user filtering, spectrum visualization, spectrum playback to improve the operational effectiveness of SSF. - Complete support of Keycloak integration which supports permissions management and data availability. - Continue support for sensor integration maturation of Spectrum Services Framework (SSF) with Intrepid Tiger II (IT-II) enhancements. - Continue engagement with the Joint Interoperability Test Command (JITC) as organic sensors are integrated with SSF. - Continue SSF sensor integration with Multi-Function Electronic Warfare (MFEW) system, and Communication Emitter Sensing and Attacking System (CESAS) Family of System (FoS). - Continue support for SSF interfaces with MEGFoS, IT II, CESAS II, TCAC, and GCCS-J. - Continue to provide program support for Communications Emitter Sensing and Attacking System (CESAS) II Family of Systems (FoS) Inc II.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

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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
Decrease from FY 2024 to FY 2025 reflects completion of sensor integration of SSF with IT-II in 1QFY25, completion of CD 3 Release 2, and GUI Enhancements.					
Title: *Integrated Broadcast Radio (IBR): Product Development ***Articles:*** ***FY 2024 Plans:*** N/A ***FY 2025 Base Plans:*** N/A ***FY 2025 OCO Plans:*** N/A	3.168 -	0.000 -	0.000 -	0.000 -	0.000 -
Title: *Integrated Broadcast Radio (IBR): Test and Evaluation ***Articles:*** ***FY 2024 Plans:*** - Initiate test efforts for resilient waveform and cryptographic technologies. - Initiate testing on IBR Transmit prototype solution. ***FY 2025 Base Plans:*** - Continue test efforts for resilient waveform and cryptographic technologies. - Continue testing on IBR Transmit prototype solution. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change.	0.000 -	0.510 -	0.520 -	0.000 -	0.520 -
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Product Development ***Articles:*** ***FY 2024 Plans:*** - Continue development of required software capability to the TSCS baseline in order to counter emerging near peer asymmetric adversary threats.	5.604 -	3.176 -	7.171 -	0.000 -	7.171 -

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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
- Complete development of Tethered Antenna to allow signals collection above triple canopy providing detection, identification, and location of adversary signals of interest. ***FY 2025 Base Plans:*** - Continue development of required software capability to the TSCS baseline in order to counter emerging near peer asymmetric adversary threats. - Initiate technical analysis and integration of improvements to TSCS baselines based on the Secure the Enterprise/Secure the Network initiatives required by NSA for network connectivity. - Initiate development of next generation receivers and collection capabilities to support refresh of collection hardware. - Initiate development and enhancements of TSCS software capabilities to include Sceptre, Common Framework Environment (CFE), and Joint Signal Processor. - Initiate follow-on development for integration of fixed site and Ultra-Light Tactical Vehicle (ULTV) Tethered Antenna capabilities. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 reflects initiation of development efforts for next generation SIGINT collection hardware and initiation of development and enhancement of advanced TSCS software capabilities.					
Title: *Tactical Signal Intelligence (SIGINT) Collection System (TSCS): Test and Evaluation	1.557	1.750	1.803	0.000	1.803
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue testing of the TSCS software baseline updates. - Continue and complete testing of Advanced Signal Processor (ASP) delayed due to prototype delivery delays resulting from supply chain issues. - Initiate testing of Tethered Antenna (drone and motorized generator) to include full integration testing with all TSCS Increment I, II, and III components. - Initiate testing of AI/ML software prototypes. ***FY 2025 Base Plans:*** - Continue testing of the TSCS software baseline updates.					

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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 testing of Tethered Antenna to include full integration testing with all TSCS Increment I, II, and III components, fixed site and ULTV. - Complete testing of AI/ML software prototypes. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 reflects costs to continue TSCS software baseline and Tethered Antenna testing.					
Title: *SCI COMMS: Product Development ***Articles:***	0.723 -	0.000 -	0.000 -	0.000 -	0.000 -
FY 2024 Plans: N/A ***FY 2025 Base Plans:*** N/A ***FY 2025 OCO Plans:*** N/A					
Title: *SCI COMMS: Test and Evaluation ***Articles:***	0.000 -	0.444 -	0.452 -	0.000 -	0.452 -
FY 2024 Plans: - Initiate integration testing of High Bandwidth Special Intelligence Palletized Terminal (HBSI-PT) Network and Radio Frequency Packages. - Initiate test and evaluation of new modification kits for SCI Comms Mobility Pack to include vehicle mounts, aircraft mounts, and LEO/MEO antennas, as well as upgrades to existing equipment in line with MCWS-X. ***FY 2025 Base Plans:*** - Continue integration testing of High Bandwidth Special Intelligence Palletized Terminal (HBSI-PT) Replacement Network and Radio Frequency Packages. - Continue test and evaluation of new modification kits for SCI Comms Mobility Pack to include integration with mobile platforms, PLEO/MEO antennas, as well as upgrades to existing equipment in line with MCWS-X. ***FY 2025 OCO Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change.					
Title: *SCI COMMS: Support ***Articles:*** ***FY 2024 Plans:*** - Provides support for the integration of the HBSI-PT replacement system. ***FY 2025 Base Plans:*** - Continues support for the integration of the HBSI-PT replacement system. - Initiates support for the integration of Modification Kits and Capability Upgrades focusing on the completion of the PLEO capability insertion to SCI Comms systems. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** No significant change.	0.000 -	0.300 -	0.307 -	0.000 -	0.307 -
Title: *USMC Sensitive Compartmented Information (SCI) Network ***Articles:*** ***FY 2024 Plans:*** - Initiate development of a tactical redesign integrating the use of Cloud for cloud to the edge ***FY 2025 Base Plans:*** N/A ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Decrease from FY24 to FY25 reflects transition to procurement.	0.000 -	5.800 -	0.000 -	0.000 -	0.000 -
Title: *Terrestrial Collection: Product Development ***Articles:*** ***FY 2024 Plans:***	1.256 -	1.319 -	2.317 -	0.000 -	2.317 -

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Continue engineering, integration, and technical development required for Terrestrial Collection modernization including integration of ground based sensors with maritime sensors. ***FY 2025 Base Plans:*** - Continue engineering, integration, and technical development required for Terrestrial Collection modernization including integration of ground based sensors with maritime sensors. - Initiate engineering, integration, and technical development required to develop an Unmanned Maritime Vessel and Sensor Payload (maritime sensors Increment II). ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase of $0.998M from FY 2024 to FY 2025 reflects initiation of development of an Unmanned Maritime Vessel and Sensor Payload (maritime sensors Increment II).					
Title: *Terrestrial Collection : Test and Evaluation ***Articles:*** ***FY 2024 Plans:*** - Initiate testing and evaluation of Maritime Sensors. ***FY 2025 Base Plans:*** - Initiates test and evaluation of an Unmanned Maritime Vessel and Sensor Payload (maritime sensors Increment II). - Complete testing and evaluation of maritime sensors Increment I. ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 reflects initiation of test and evaluation of an Unmanned Maritime Vessel and Sensor Payload (maritime sensors Increment II).	0.000 -	0.700 -	1.596 -	0.000 -	1.596 -
Title: *Mobile All-Domain Observation and Sensing System (MA-DOSS) : Product Development ***Articles:*** ***FY 2024 Plans:***	17.117 -	0.000 -	0.000 -	0.000 -	0.000 -

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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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
Beginning FY 2024 MA-DOSS funding is realigned to PE 0206313M Marine Corps Communication Systems, Project 2270 Exp Indirect Fire Gen Support Weapon Systems. ***FY 2025 Base Plans:*** N/A ***FY 2025 OCO Plans:*** N/A					
Title: *Counterintel and Human Intel Equip (CIHEP): Test and Evaluation	0.354	1.018	2.425	0.000	2.425
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue evaluation of End User Device (EUD) prototypes for CIHEP-MC program for surveillance. - Initiate test and evaluation of server capabilities for CIHEP-MC surveillance assets. - Initiate Expeditionary Office Communications Module (EOCM) and Commercial Solutions for Classified (CSfC) engineering, integration and technical support required for capability testing for the CIHEP-MC. ***FY 2025 Base Plans:*** - Continue evaluation of End User Device (EUD) prototypes for CIHEP-MC program for surveillance. - Continue engineering, integration and technical support for Expeditionary Office Communications Module (EOCM) to become Commercial Solutions for Classified (CSfC). - Continue test and evaluation of server capabilities for CIHEP-MC surveillance assets. - Initiate engineering, integration and technical support for Commercial Satellite Communications Set (CSCS) to become Commercial Solutions for Classified (CSfC). ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 reflects initiation of engineering, integration, and technical support for Commercial Satellite Communications Set (CSCS) to become Commercial Solutions for Classified (CSfC) and Technical Surveillance Countermeasures prototypes.					
Accomplishments/Planned Programs Subtotals	44.442	25.810	25.623	0.000	25.623

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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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
• PMC/4747/CESAS: *CESAS*	55.847	46.625	4.641	-	4.641	17.486	16.665	14.862	18.397	Continuing	Continuing
• PMC/4747/IBR: *IBR*	1.559	4.491	2.434	-	2.434	2.145	1.565	1.596	1.630	Continuing	Continuing
• PMC/4747/TSCS: *TSCS*	32.633	48.327	74.611	-	74.611	18.153	18.349	10.528	10.746	Continuing	Continuing
• PMC/4747/ SCICOMMS: *SCI COMMS*	12.729	24.557	16.519	-	16.519	23.829	17.199	17.545	17.908	Continuing	Continuing
• PMC/4747/TC: *TERRESTRIAL COLLECTION*	22.491	8.025	15.655	-	15.655	12.837	13.051	13.312	13.589	Continuing	Continuing
• PMC/4747/CIHEP: *CIHEP*	7.991	6.500	5.513	-	5.513	5.632	5.742	5.856	5.978	Continuing	Continuing
• PMC/4747/MADOSS: *Mobile All-Domain Observation and Sensing Systems*	0.674	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• PMC/4747/SCINET: *SCINET*	7.935	9.537	9.431	-	9.431	8.490	8.285	8.374	8.547	0.000	74.592

Remarks

D. Acquisition Strategy

CESAS: CESAS II FoS production will consist of COTS and NDI integration into an existing GOTS architecture. Production efforts will be conducted at Naval laboratories. CEMOES production will consist of COTS and NDI integration into GOTS architecture. CEMOES production efforts will be conducted by a designated Lead System Integrator. CEMOES shall be fielded to each Marine Expeditionary Force (MEF) to provide tailorable, realistic, mission-oriented, electromagnetic operational environment to support training and rehearsal at home stations.

IBR: IBR will support requirements for access to the Integrated Broadcast Service (IBS) broadcast by satisfying joint requirements as directed by United States Air Force (USAF) as the IBS Executive agent (EA). IBR will procure the ENTR V4 as GOTS equipment via contracts approved through the ENTR Program Management Office (PMO). Sustainment will leverage contract logistics support and U.S. Air Force depot maintenance. IBR will procure the Universal Accessory Kit (UAK) as GOTS and COTS through the Lead System Integrator (LSI) Naval Surface Warfare Dahlgren Division Dam Neck Activity (NSWCDD-DNA). IBR will leverage engineering support from IBS-EA, ENTR PMO, and the LSI. IBR will employ software as directed by IBS-EA and developed at Naval laboratories. IBR will make maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

TSCS: The TSCS FoS has an incremental acquisition strategy, providing technical refresh for legacy TPCS-MPC and RREP systems as the systems become obsolete and/or require technology insertions to maintain pace with our adversaries. Software upgrades are developed at Naval laboratories and integrated into the system. TSCS makes maximum use of COTS, GOTS, and NDI with Firm Fixed Price Production through the Lead System Integrator (LSI).

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
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MARINE CORPS SENSITIVE COMPARTMENTED INFORMATION NETWORK (SCINet) will leverage NGA contracting office for contractor support to develop the new prototypes of expeditionary, cloud enabled hardware with delivery to the govt of selected prototypes, and a sustainable DevSecOps environment with all documentation for building, fielding, engineering and architecture

SCI COMMS: SCI COMMS leverages NIWC-Atlantic support as the Lead System Engineer (LSE), LSI, as well as for Program Management, Technical and Systems Engineering, Test and Evaluation, Training, Cybersecurity, and Life-cycle Logistics Support. SCI COMMS plans to use existing contracts within Marine Corps Systems Command, Defense Logistics Agency, NIWC-Atlantic, and its partners within the Intelligence Community (IC) to procure and configure hardware solutions.

Terrestrial Collection: Tech refresh for sustainability to ensure operational readiness of the assets, assumes required engineering and logistics refresh funded per additional capability initiative. Makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production.

Mobile All-Domain Observation and Sensing System (MA-DOSS): Starting in FY 2024, MA-DOSS is moving from PE 0206625M/Project 2272 to PE 0206313M/Project 2270.

CIHEP: CIHEP makes maximum use of COTS, GOTS and NDI with Firm Fixed Price Production. CIHEP leverages NIWC-LANT support as the Lead System Engineer (LSE), LSI, as well as for Program Management, Technical and Systems Engineering, Test and Evaluation, System Integration and Training, Cyber Security, and Life-cycle Logistics Support.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
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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
CESAS	WR	NIWC-LANT : CHARLESTON, SC	21.940	3.168	Dec 2022	5.126	Dec 2023	0.687	Dec 2024	-		0.687	Continuing	Continuing	Continuing
CESAS	MIPR	PT MUGU : PT MUGU, CA	0.000	0.000		0.000		2.000	Nov 2024	-		2.000	0.000	2.000	-
CESAS	C/FFP	MCSC : Quantico, VA	11.920	3.650	Dec 2022	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
IBR	MIPR	VARIOUS : VARIOUS	9.313	3.168	Mar 2023	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
TSCS	WR	NIWC-LANT : Charleston, SC	16.879	4.411	Jan 2023	1.220	Dec 2023	4.047	Dec 2024	-		4.047	0.000	26.557	-
TSCS	C/CPFF	NSMA : Charleston, SC	4.369	1.193	Jun 2023	0.000		0.000		-		0.000	0.000	5.562	-
TSCS	C/CPFF	NIWC-LANT CTR : Charleston, SC	0.000	0.000		1.956	Dec 2023	3.124	Dec 2024	-		3.124	0.000	5.080	-
TSCS	C/FFP	MCSC : Quantico, VA	10.294	0.000		0.000		0.000		-		0.000	0.000	10.294	-
SCI COMMS	WR	NIWC-Lant : Charleston, SC	0.714	0.723	Jan 2023	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
SCINET	C/FFP	NGA : Arnold, MO	0.000	0.000		5.800	Jun 2024	0.000		-		0.000	0.000	5.800	-
Terrestrial Collection	WR	NIWC-LANT : CHARLESTON, SC	5.685	1.256	Apr 2023	1.319	Nov 2023	2.317	Nov 2024	-		2.317	Continuing	Continuing	Continuing
MA-DOSS	WR	NSWC CRANE : CRANE,IN	0.000	1.318	Jun 2023	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
MA-DOSS	C/CPFF	NSWC-CRANE : CRANE,IN	0.000	0.764	Jun 2023	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
MA-DOSS	C/BA	DLA TROOP SUPPORT : Philadelphia, PA	0.000	13.102	Jun 2023	0.000		0.000		-		0.000	0.000	13.102	-
MA-DOSS	C/BA	NSWC-DAHLGREN : Dahlgren VA	0.000	1.573	Jun 2023	0.000		0.000		-		0.000	0.000	1.573	-
MA-DOSS	C/BA	ONR : Arlington VA	0.000	0.360	Jul 2023	0.000		0.000		-		0.000	0.000	0.360	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
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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
Prior Years Cumulative Funding	Various	Various : Various	100.957	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
		Subtotal	182.071	34.686		15.421		12.175		-		12.175	Continuing	Continuing	N/A

Remarks

Decrease from FY 2024 to FY 2025 is primarily attributed to the completion of product development of CESAS Family of Systems (FoS) Enhanced Electronic Warfare (EW) for platform integration kits for the JTLV and NTV, enhanced software baselines, and additional antennas.

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
CESAS	WR	NIWC-LANT : Charleston, SC	0.200	3.762	Dec 2022	2.884	Dec 2023	3.400	Dec 2024	-		3.400	Continuing	Continuing	Continuing
CESAS	WR	PT MUGU : PT MUGU, CA	0.000	3.453	Jan 2023	2.442	Dec 2023	0.650	Dec 2024	-		0.650	0.000	6.545	-
SCI COMMS	WR	NIWC-LANT : Charleston, SC	0.306	0.000		0.300	Dec 2023	0.307	Dec 2024	-		0.307	Continuing	Continuing	Continuing
Prior Years Cumulative Funding	Various	Various : Various	15.066	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
		Subtotal	15.572	7.215		5.626		4.357		-		4.357	Continuing	Continuing	N/A

Remarks

Decrease from FY 2024 to FY 2025 is primarily attributed to completion of support for sensor integration of SSF with IT-II CD 3 Release 2 and support for GUI Enhancements.

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	CESAS NIWC-LANT : CHARLESTON, SC	1.700	0.630	Dec 2022	0.341	Dec 2023	0.500	Dec 2024	-		0.500	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
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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)	MIPR	CESAS - VARIOUS : VARIOUS	0.000	0.000		0.000		1.795	Nov 2024	-		1.795	0.000	1.795	-
Developmental Test & Evaluation (DT&E)	MIPR	IBR-VARIOUS : VARIOUS	0.000	0.000		0.510	Mar 2024	0.520	Feb 2025	-		0.520	0.000	1.030	-
Developmental Test & Evaluation (DT&E)	WR	TSCS NIWC-LANT : CHARLESTON, SC	8.010	1.257	Jan 2023	0.854	Dec 2023	0.880	Dec 2024	-		0.880	Continuing	Continuing	Continuing
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	C/IDIQ	TSCS NSMA : BOLLING AFB	1.035	0.300	Mar 2023	0.000		0.000		-		0.000	0.000	1.335	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	C/CPFF	TSCS MCSC : Quantico, VA	0.350	0.000		0.000		0.000		-		0.000	0.000	0.350	-
Developmental Test & Evaluation (DT&E)	C/CPFF	TSCS NIWC-LANT CTR : CHARLESTON, SC	0.000	0.000		0.896	Dec 2023	0.923	Dec 2024	-		0.923	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	WR	SCI COMMS NIWC-LANT : CHARLESTON, SC	0.682	0.000		0.444	Dec 2023	0.452	Dec 2024	-		0.452	Continuing	Continuing	Continuing
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	C/FFP	SCI COMMS MCSC : Quantico, VA	0.394	0.000		0.000		0.000		-		0.000	0.000	0.394	-
Developmental Test & Evaluation (DT&E)	WR	TCS NIWC-LANT : CHARLESTON, SC	0.000	0.000		0.700	Nov 2023	1.596	Apr 2025	-		1.596	0.000	2.296	-
Developmental Test & Evaluation (DT&E)	WR	CIHEP NIWC-LANT : CHARLESTON, SC	1.332	0.354	Nov 2022	1.018	Nov 2023	2.425	Apr 2025	-		2.425	Continuing	Continuing	Continuing
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	Various	Various : Various	26.671	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
		Subtotal	40.174	2.541		4.763		9.091		-		9.091	Continuing	Continuing	N/A

Remarks

Increase from FY 2024 to FY 2025 is primarily attributed to initiation of SSF developmental testing, system integration testing, and government witness testing of multiple CD 3 Releases in order to migrate the Common Hosting Environment in order to reside on existing program of record hardware, thus reducing the logistical footprint of the units. Also increased due to initial test and evaluation of a Cross Domain Solution for TCS-GS.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
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	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	237.817	44.442		25.810		25.623		-		25.623	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
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TSCS Schedule

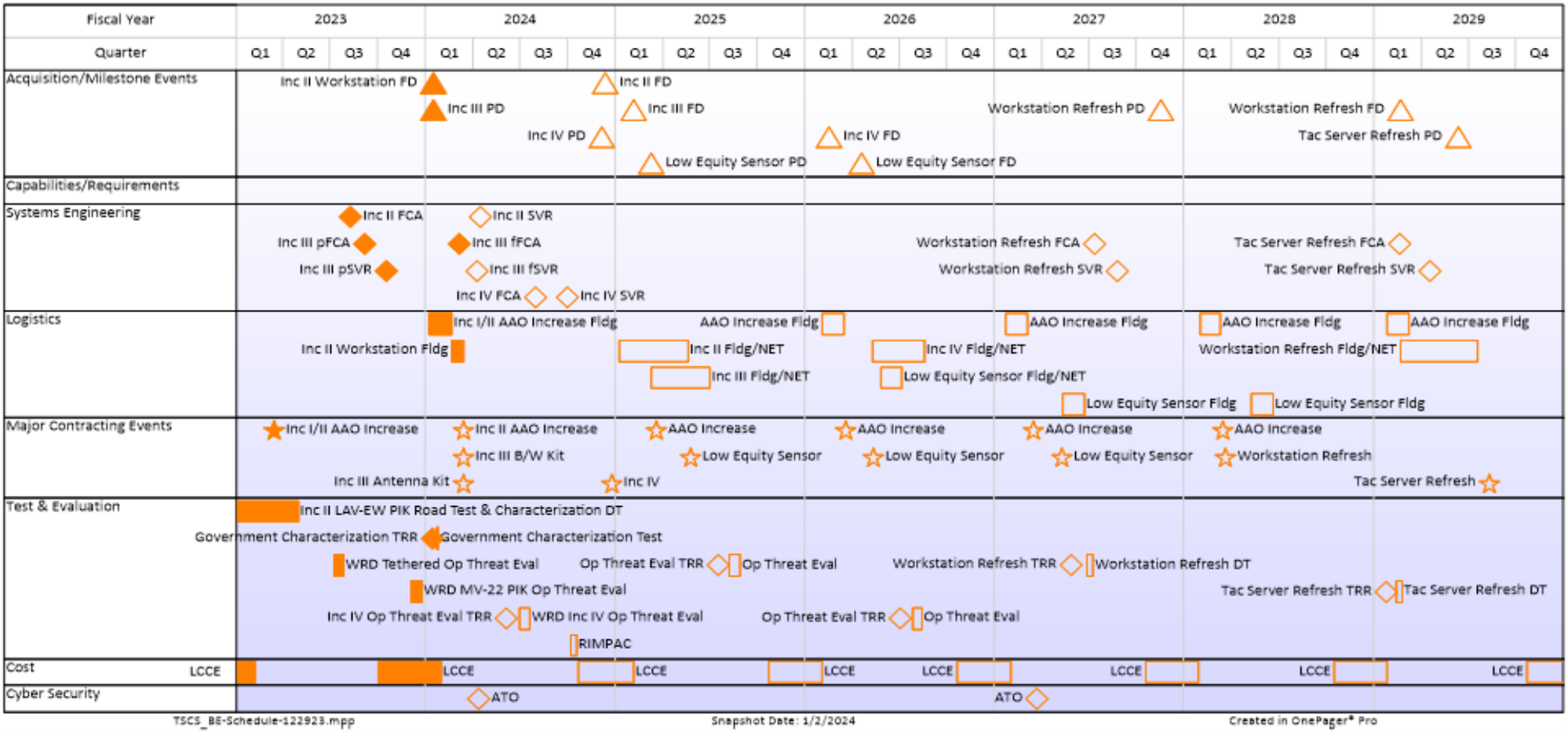

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
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SCI Comms Schedule

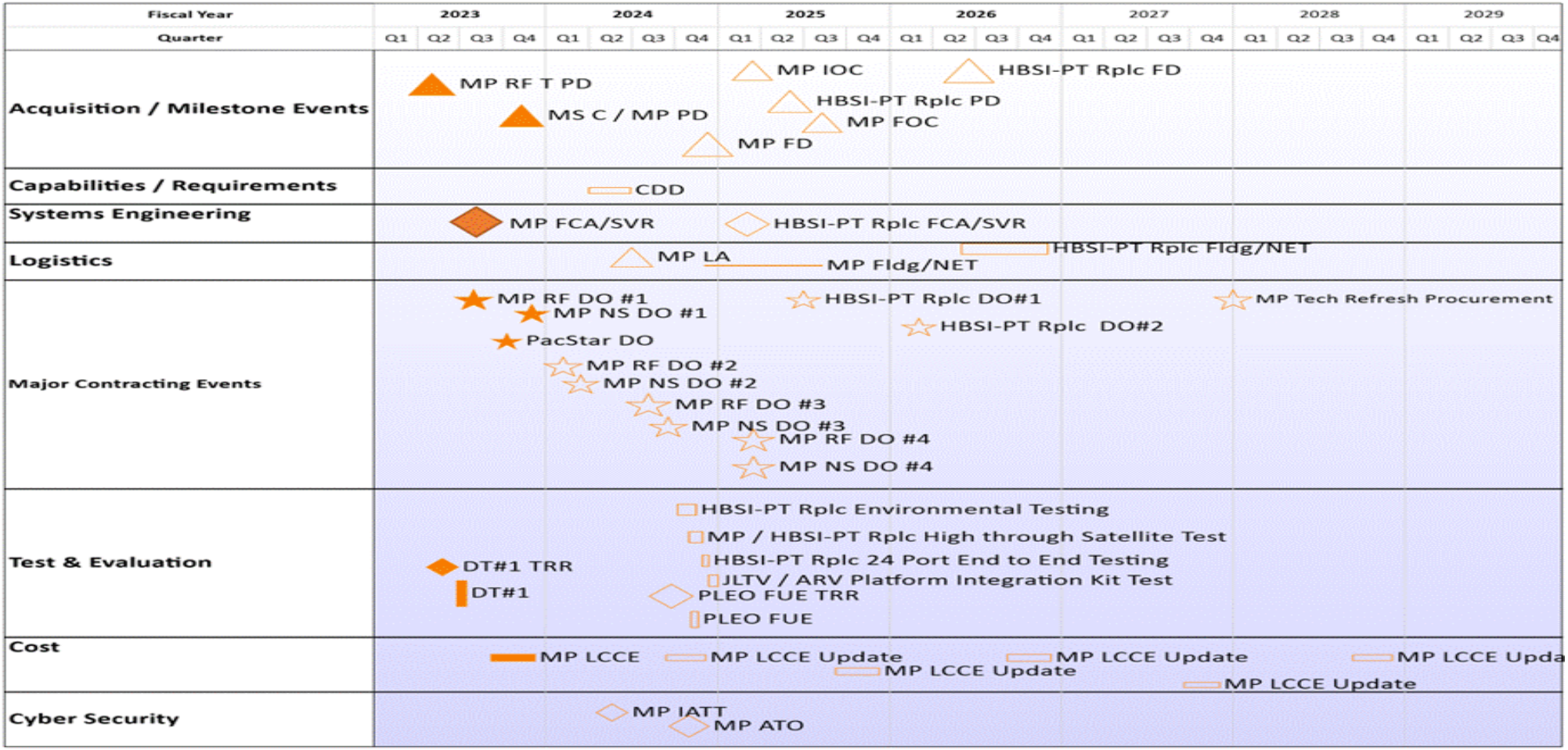


Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

Terrestrial Collection Systems

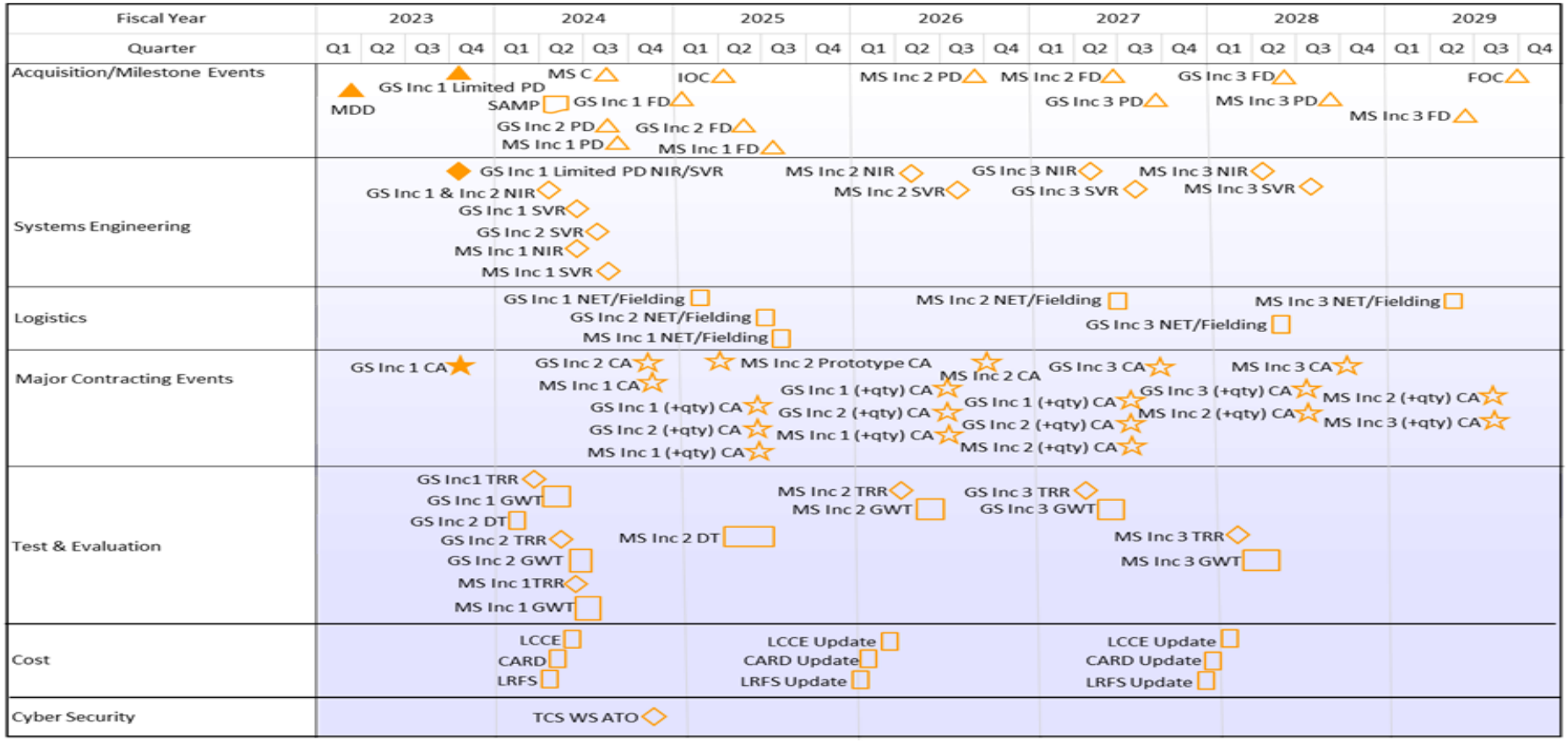


Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

CIHEP-MC Program Schedule

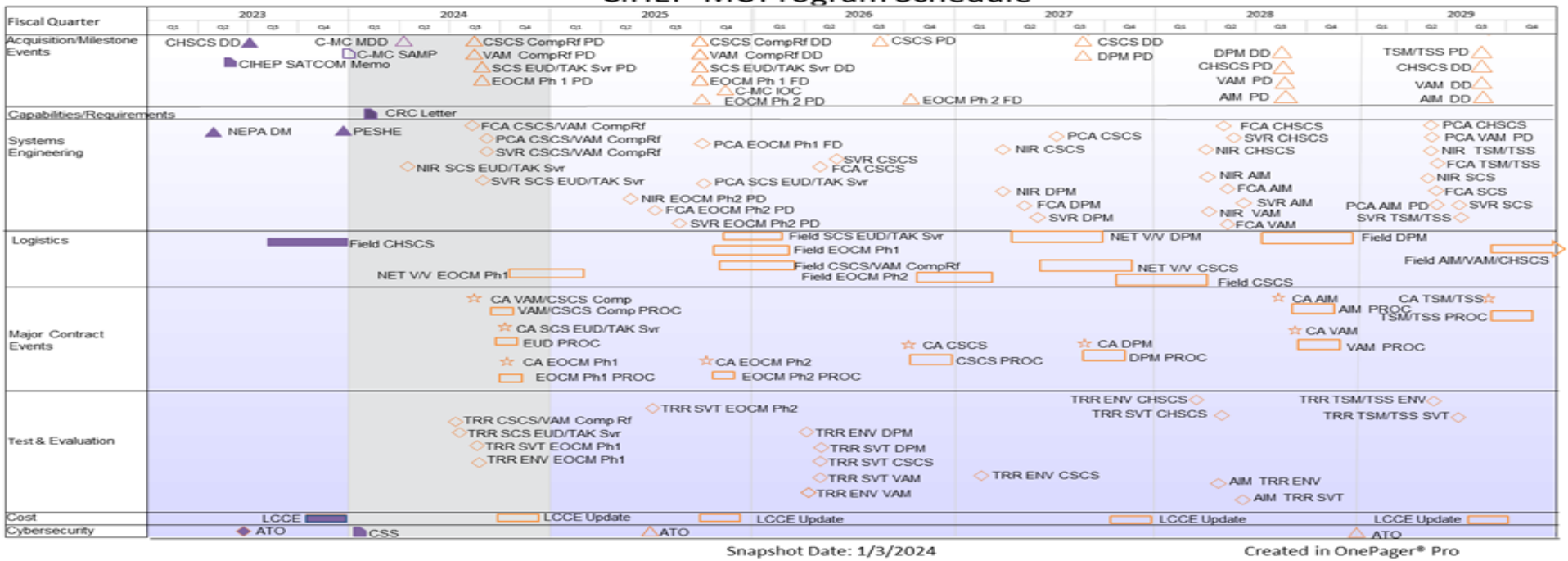
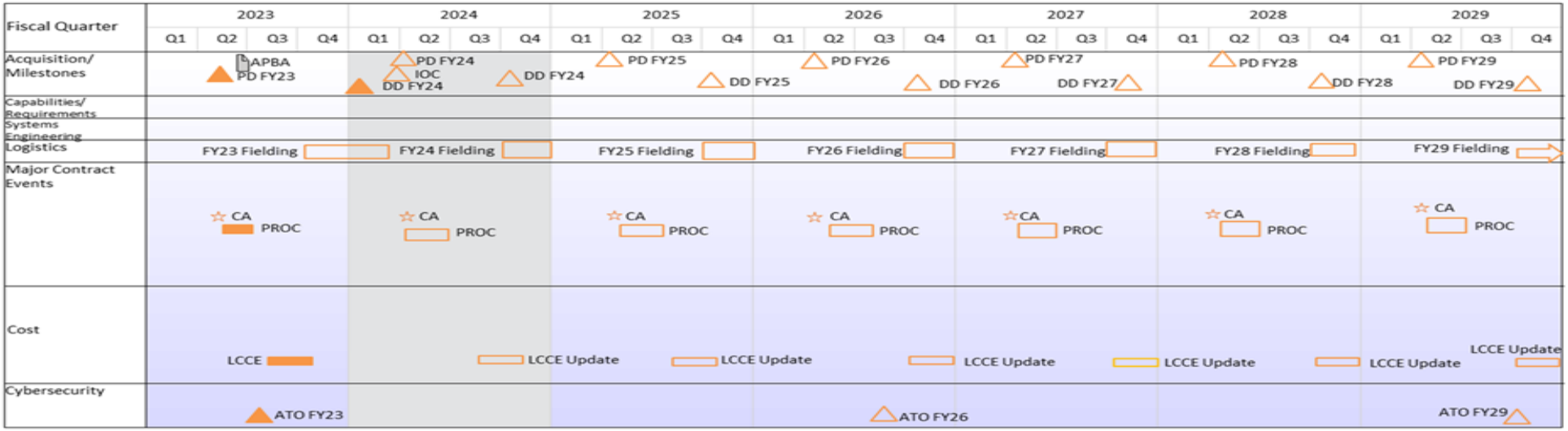


Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

TSCM-MC Program Schedule



Snapshot Date: 1/3/2024

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

CESAS Schedule

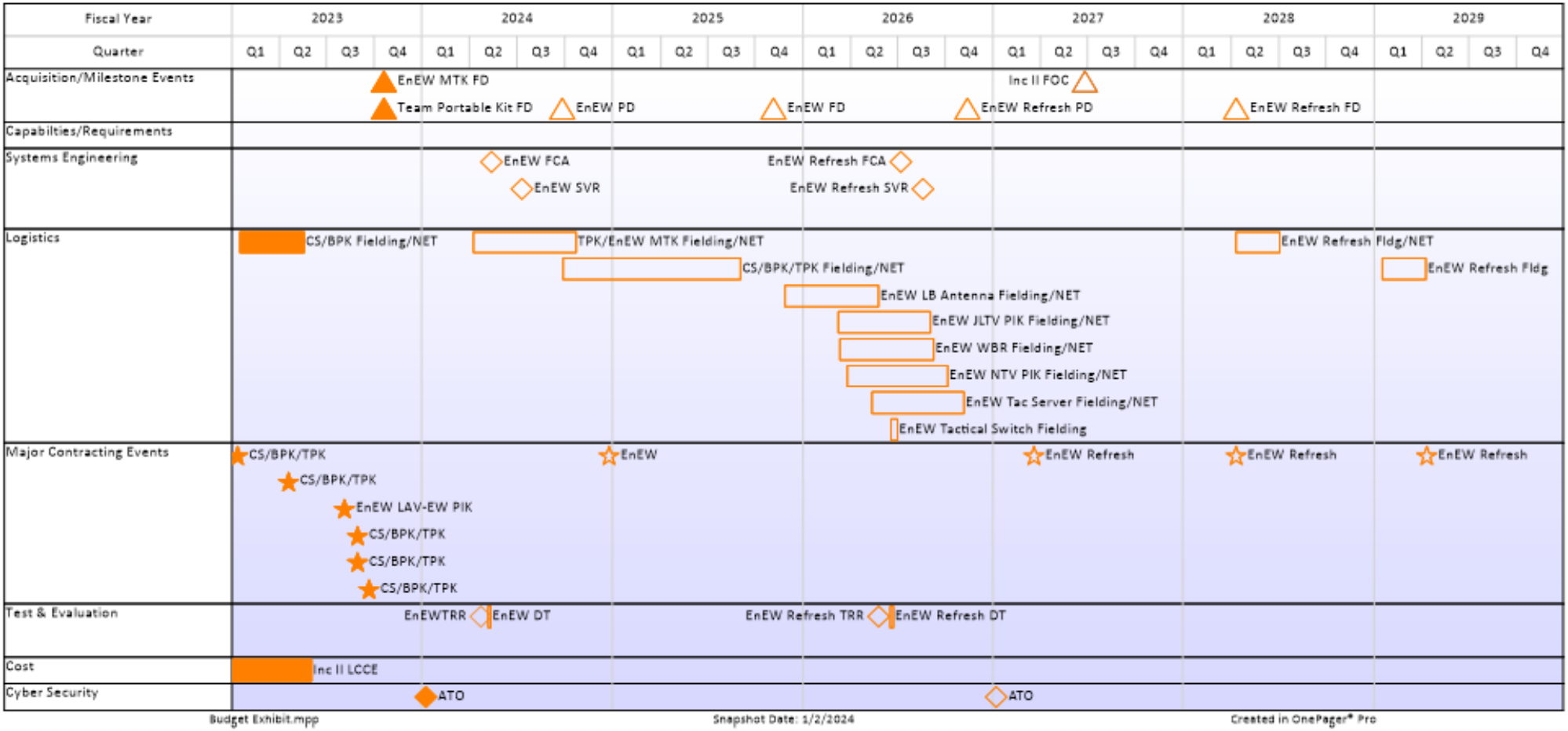

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

IBR Schedule

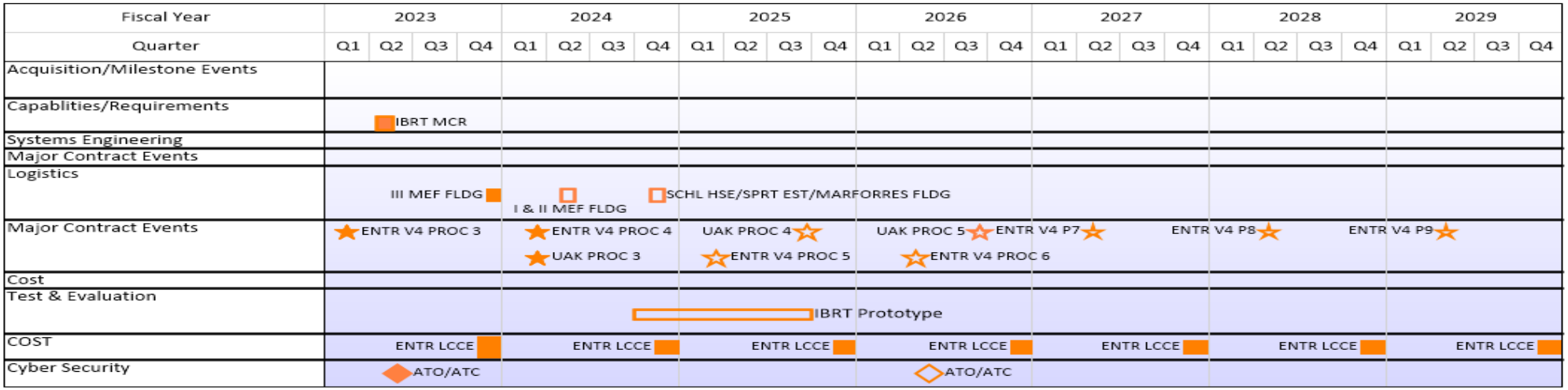

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

SSF Schedule

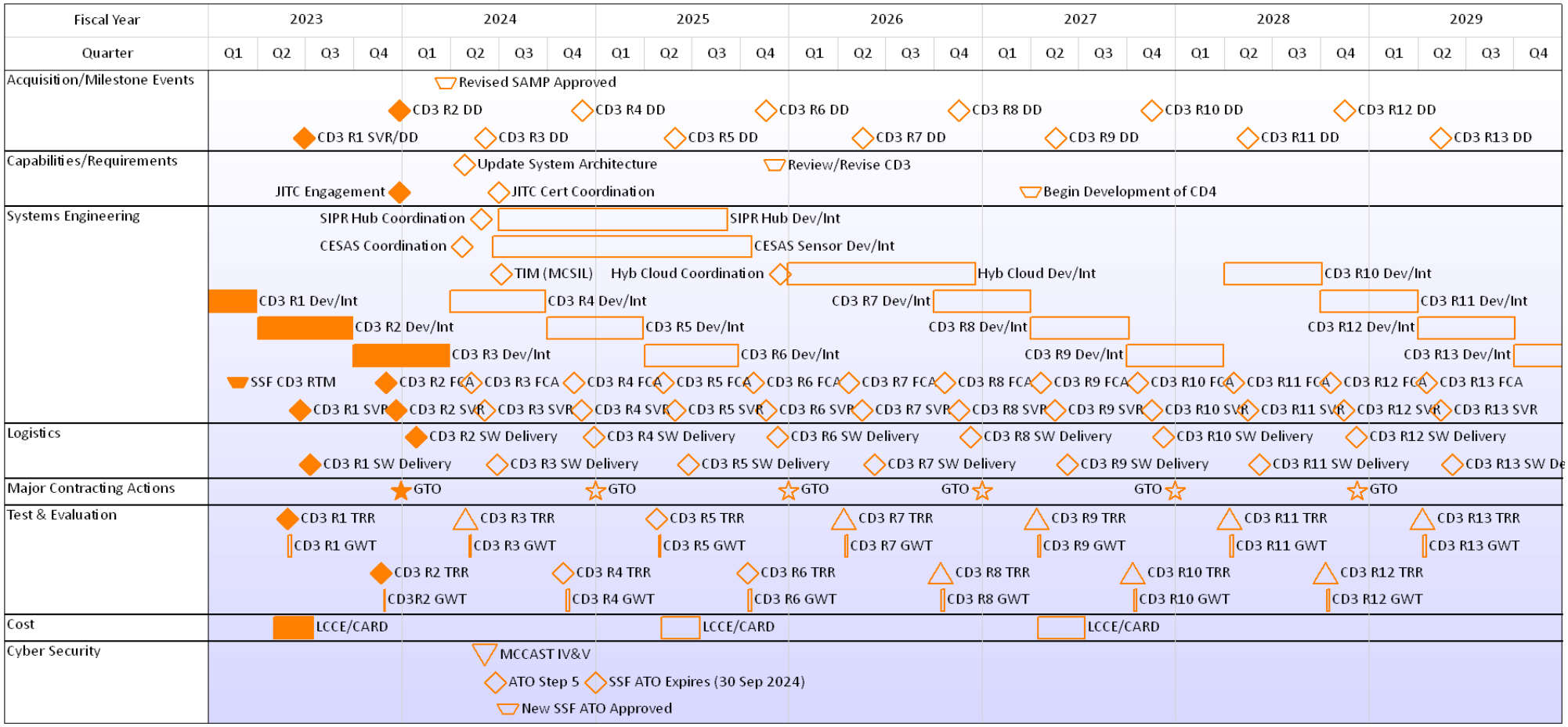
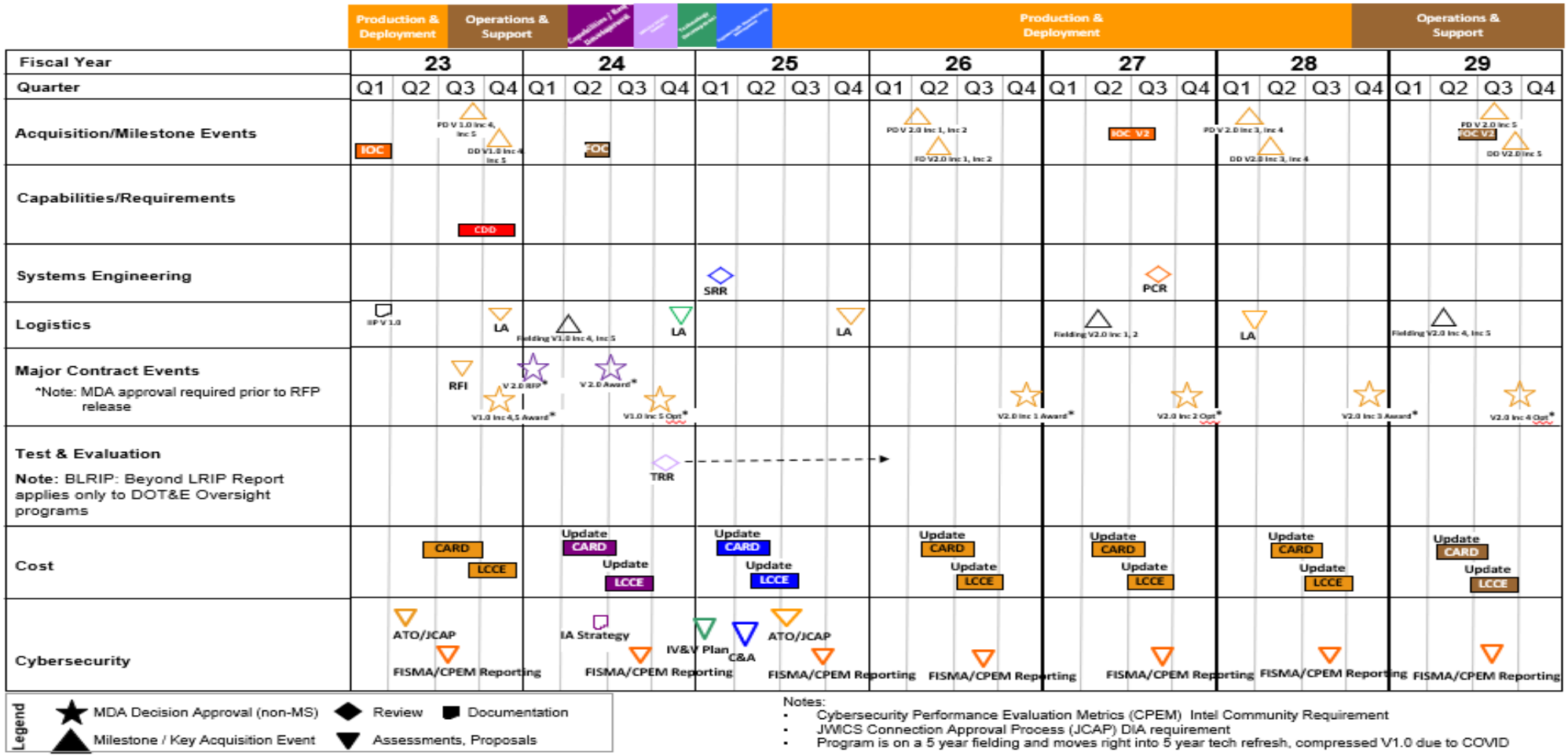


Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

SCINet PoR Schedule



Notes:
- Cybersecurity Performance Evaluation Metrics (CPEM) Intel Community Requirement
- JWICS Connection Approval Process (JCAP) DIA requirement
- Program is on a 5 year fielding and moves right into 5 year tech refresh, compressed V1.0 due to COVID

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

CEMOES Schedule

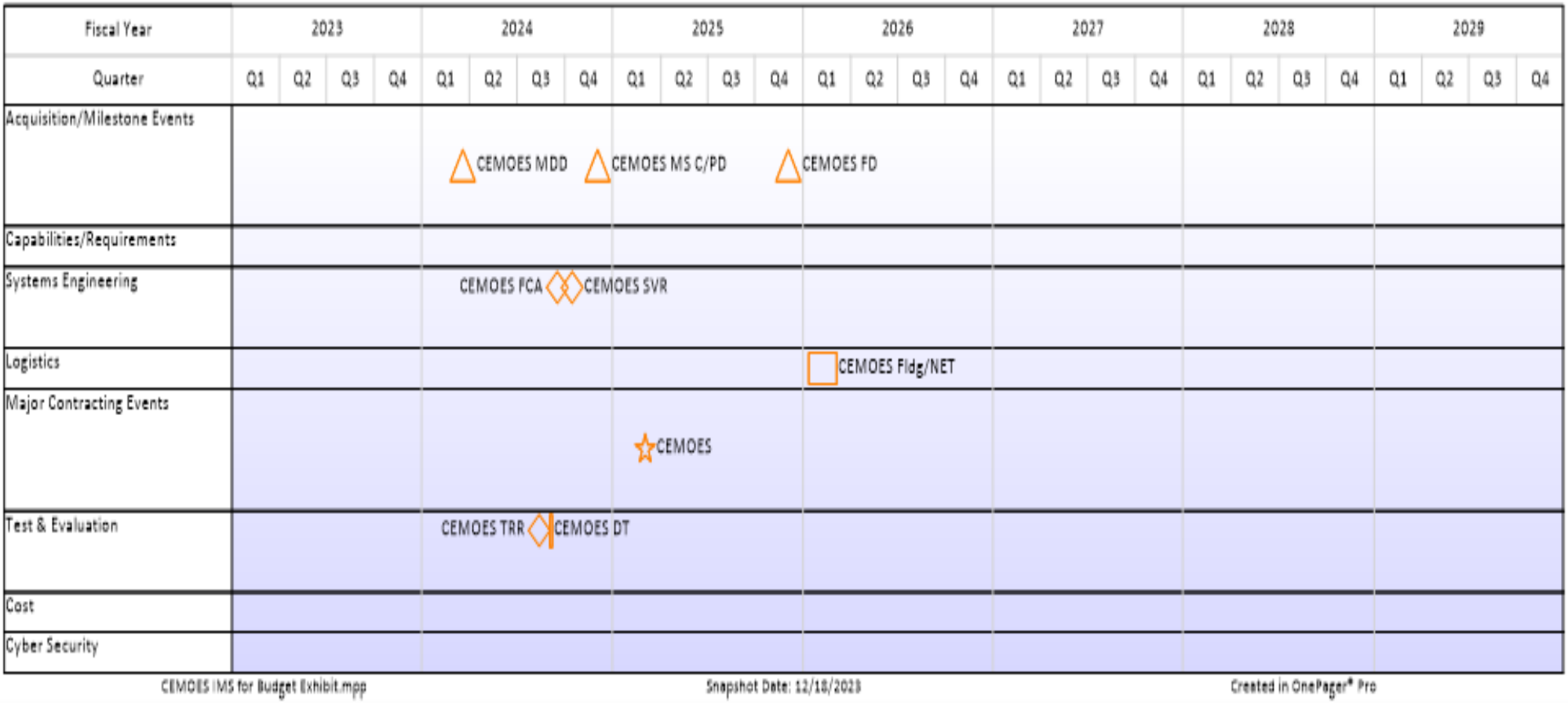


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2272				
CESAS: CESAS II Enhanced EW Procurement Decision	3	2024	3	2024
CESAS: CESAS II Enhanced EW Fielding Decision	4	2025	4	2025
CESAS: CESAS II Enhanced EW Delivery Order 1 Award	4	2024	4	2024
CESAS: CEMOES Milestone C/ Procurement Decision	4	2024	4	2024
CESAS: CEMOES Delivery Order 1 Award	1	2025	1	2025
CESAS: CEMOES Fielding Decision	4	2025	4	2025
IBR: ENTR V4 Delivery Order 5	1	2025	1	2025
IBR: UAK Delivery Order 4	3	2025	3	2025
IBR: ENTR V4 deliver Order 6	2	2026	2	2026
TSCS Procurement Decision (Increment 3)	1	2024	1	2024
TSCS Fielding Decision (Increment 2 Workstation)	1	2024	1	2024
TSCS Procurement Decision (Increment 4)	4	2024	4	2024
TSCS Fielding Decision (Increment 2)	4	2024	4	2024
TSCS Fielding Decision (Increment 3)	1	2025	1	2025
TSCS Fielding Decision (Increment 4)	1	2026	1	2026
SCI COMM Mobility Pack (MP) Procurement Decision	4	2023	4	2023
SCI COMM Mobility Pack (MP) Fielding Decision	4	2024	4	2024
SCI COMM Mobility Pack Radio Frequency (RF) Delivery Order Award 1	3	2023	3	2023
SCI COMM Mobility Pack Network Stack (NS) Delivery Order Award 1	4	2023	4	2023
SCI COMM Mobility Pack RF Delivery Order Award 2	1	2024	1	2024
SCI COMM Mobility Pack NS Delivery Order Award 2	1	2024	1	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
SCI COMM Mobility Pack RF Delivery Order Award 3	3	2024	3	2024
SCI COMM Mobility Pack NS Delivery Order Award 3	3	2024	3	2024
SCI COMM Mobility Pack RF Delivery Order Award 4	1	2025	1	2025
SCI COMM Mobility Pack NS Delivery Order Award 4	1	2025	1	2025
SCI COMM HBSI-PT Replacement Procurement Decision	2	2025	2	2025
SCI COMM HBSI-PT Replacement Delivery Order Award 1	3	2025	3	2025
SCI COMM HBSI-PT Replacement Delivery Order Award 2	1	2026	1	2026
Terrestrial Collection: Terrestrial Collection Systems MDD	1	2023	1	2023
Terrestrial Collection: Terrestrial Collection Systems Ground Sensors (TCS-GS) Inc 1 Limited Procurement Decision	4	2023	4	2023
Terrestrial Collection: Terrestrial Collection Systems SAMP	2	2024	2	2024
Terrestrial Collection: Terrestrial Collection Systems MS C	3	2024	3	2024
Terrestrial Collection: Terrestrial Collection Systems Ground Sensor (TCS-GS) Inc 1 Fielding Decision	1	2025	1	2025
Terrestrial Collection: Terrestrial Collection Systems IOC	2	2025	2	2025
Terrestrial Collection: Terrestrial Collection Systems Ground Sensors (TCS-GS) Inc 2 Procurement Decision	3	2024	3	2024
Terrestrial Collection: Terrestrial Collection Systems Ground Sensors (TCS-GS) Inc 2 Fielding Decision	2	2025	2	2025
Terrestrial Collection: Terrestrial Collection Systems Martitime Sensors (TCS-MS) Inc 1 Procurement Decision	3	2024	3	2024
Terrestrial Collection: Terrestrial Collection Systems Martitime Sensors (TCS-MS) Inc 1 Fielding Decision	3	2025	3	2025
CIHEP MARINE CORPS (C-MC) CRC Letter	4	2023	4	2023
CIHEP : C-MC SAMP	4	2023	4	2023
CIHEP : C-MC MDD	2	2024	2	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
CIHEP Expeditionary Office Communication Module (EOCM) (Phase 1) Procurement Decision	3	2024	3	2024
CIHEP SCS End User Device /TAK Server Procurement Decision	3	2024	3	2024
CIHEP Commercial Satellite Communications Set (CSCS) Component Refresh Procurement Decision	3	2024	3	2024
CIHEP Vehicle Accessory Module (VAM) Component Refresh Procurement Decision	3	2024	3	2024
CIHEP Expeditionary Office Communication Module (EOCM) (Phase 1) Fielding Decision	3	2025	3	2025
CIHEP SCS End User Device /TAK Server Delivery Decision	3	2025	3	2025
CIHEP Commercial Satellite Communications Set (CSCS) Component Refresh Delivery Decision	3	2025	3	2025
CIHEP Vehicle Accessory Module (VAM) Component Refresh Devliery Decision	3	2025	3	2025
CIHEP Expeditionary Office Communication Module (EOCM) (Phase 2) Procurement Decision	3	2025	3	2025
CIHEP : C-MC IOC	4	2025	4	2025
TSCM Procurement Decision FY23	2	2023	2	2023
TSCM APBA Rev	2	2023	2	2023
TSCM Delivery Decision FY23	1	2024	1	2024
TSCM Procurement Decision FY24	2	2024	2	2024
TSCM Delivery Decision FY24	4	2024	4	2024
TSCM Procurement Decision FY25	2	2025	2	2025
TSCM Delivery Decision FY25	4	2025	4	2025
SCINET	3	2024	3	2026
SSF CD3 Release 1 Delivery Decision	2	2023	2	2023
SSF CD3 Release 2 Delivery Decision	4	2023	4	2023
SSF CD3 Release 3 Delivery Decision	2	2024	2	2024
SSF CD3 Release 4 Delivery Decision	4	2024	4	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 2272 / *Intel Command and Control (C2) Sys*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
SSF CD3 Release 5 Delivery Decision	2	2025	2	2025
SSF CD3 Release 6 Delivery Decision	4	2025	4	2025

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy											Date: March 2024	
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*				Project (Number/Name) 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*			
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**
3771: *Tactical Exploitation of National Capabilities (TENCAP)*	26.177	7.014	21.952	11.749	-	11.749	13.661	9.178	10.348	11.382	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Tactical Exploitation of National Capabilities (TENCAP) programs provides the innovation and adaptability necessary for the Marine Corps Intelligence Enterprise to support MAGTF operations in increasingly complex environments against technologically savvy adversaries. TENCAP exploits current national reconnaissance systems and programs by examining both technical and operational capabilities, implementing training, and sponsoring concept demonstrations to directly support Marine Corps operating forces. The goal is to pursue technologies which exploit data from national systems to enhance intelligence support to the Marine Air-Ground Task Force (MAGTF) and/or the supported Joint Task Force commander. Additionally, TENCAP supports a persistent, distributed, development, test, and certification environment that addresses critical tactical intelligence capability gaps and delivers sustainable solutions to the operating forces and Marine Corps Systems Command (MSCS) through rapid delivery of emerging technologies.

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 Exploitation of National Capabilities (TENCAP): Product Development & Technical Assessments	7.014	21.952	11.749	0.000	11.749
Articles:	-	-	-	-	-
FY 2024 Plans: - Continue to conduct research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Information Environment Enterprise (MCIEE). - Continue to support the Congressionally mandated TENCAP office and all associated ongoing activities, to include the coordination with national agencies, the intelligence community, research laboratories, private industry, and academia, for exploration of collaborative Research and Development (R&D) efforts to bring evolutionary MCIEE capabilities to the operating forces. - Continue to support operational planning and enhance operating force capabilities through the identification and development of advanced technologies for the MCIEE architecture. - Continue training and education efforts by providing the operating forces with supported simulation, visualization, and improved mission planning capabilities. - Continue development, integration, and FUE of innovative national data receive and dissemination capabilities for insertion into MCIEE					
FY 2025 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Will continue to conduct research and development, advanced technology demonstrations, and integration of emerging technologies into the Marine Corps Information Environment Enterprise (MCIEE). - Will continue to support the Congressionally mandated TENCAP office and all associated ongoing activities, to include the coordination with national agencies, the intelligence community, research laboratories, private industry, and academia, for exploration of collaborative Research and Development (R&D) efforts to bring evolutionary MCIEE capabilities to the operating forces. - Will continue to support operational planning and enhance operating force capabilities through the identification and development of advanced technologies for the MCIEE architecture. - Will continue training and education efforts by providing the operating forces with supported simulation, visualization, and improved mission planning capabilities. - Will continue development, integration, and FUE of innovative national data receive and dissemination capabilities for insertion into MCIEE ***FY 2025 OCO Plans:*** N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of $10.203M from FY 2024 to FY 2025 is primarily attributed to the completion of low-equity sensor development.					
Accomplishments/Planned Programs Subtotals	7.014	21.952	11.749	0.000	11.749

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

(U) TENCAP: All work will be led in-house and necessary contractor support will be acquired using existing contracts. Research, test and integrate new technology and conduct advanced technology demonstrations to identify the most appropriate, mature programs for the integration of emerging technologies into the Marine Corps Information Environment Enterprise (MCIEE).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*	

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
TENCAP	C/CPFF	DTIC : FT BELVOIR, VA	13.092	1.479	Feb 2023	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
TENCAP	WR	NIWC-LANT : CHARLESTON, SC	0.512	0.528	Apr 2023	0.500	Jan 2024	0.000		-		0.000	Continuing	Continuing	Continuing
TENCAP	WR	NRL : WASHINGTON, DC	2.475	0.850	Jan 2023	0.000		0.000		-		0.000	0.000	3.325	-
TENCAP	C/CPFF	NSWC-CRANT : CRANE, IN	0.000	0.239	Feb 2023	0.000		0.000		-		0.000	0.000	0.239	-
TENCAP	C/CPFF	DLA TLS : TBD	0.000	0.416	Apr 2023	0.000		0.000		-		0.000	0.000	0.416	-
TENCAP	C/CPFF	DISA/DITCO : TBD	0.000	0.256	Apr 2023	0.000		0.000		-		0.000	0.000	0.256	-
TENCAP	C/CPFF	NAVSEA : TBD	0.000	1.056	Mar 2023	0.000		0.000		-		0.000	0.000	1.056	-
TENCAP	MIPR	AFRL : ROME, NY	6.626	1.150	Sep 2023	17.277	Jul 2024	11.749	Feb 2025	-		11.749	0.000	36.802	-
TENCAP	WR	NIWC-PAC : SAN DIEGO, CA	0.885	0.000		0.000		0.000		-		0.000	0.000	0.885	-
TENCAP	C/CPFF	HQ USSOCOM : TAMPA, FL	0.594	0.000		0.000		0.000		-		0.000	0.000	0.594	-
TENCAP	C/FFP	NSMA : JBAB, DC	0.880	0.000		0.000		0.000		-		0.000	0.000	0.880	-
TENCAP	WR	GSA : TBD	0.000	1.040	Jul 2023	4.175	Jan 2024	0.000		-		0.000	0.000	5.215	-
		Subtotal	25.064	7.014		21.952		11.749		-		11.749	Continuing	Continuing	N/A

Remarks

The decrease of $10.203M from FY 2024 to FY 2025 is primarily attributed to the completion of low-equity sensor development.

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
TENCAP	FFRDC	US ARMY CECOM : ABERDEEN PROVING GROUND, MD	1.113	0.000		0.000		0.000		-		0.000	0.000	1.113	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*

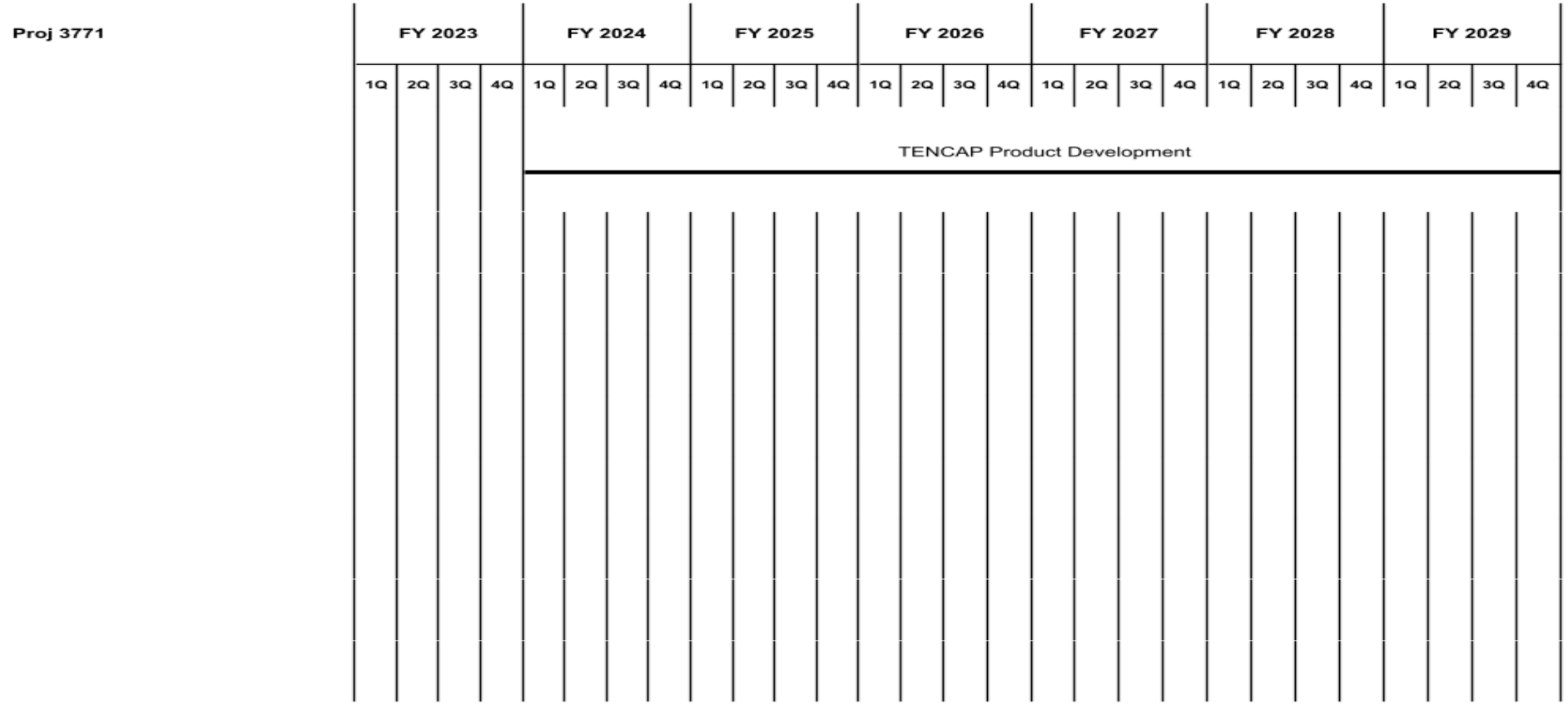
Support ($ in Millions)

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
		Subtotal	1.113	0.000		0.000		0.000		-		0.000	0.000	1.113	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	26.177	7.014		21.952		11.749		-		11.749	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*



2025DON - 0206625M - 3771

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0206625M / *USMC Intelligence/Electronics Warfare Sys*	**Project (Number/Name)** 3771 / *Tactical Exploitation of National Capabilities (TENCAP)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3771				
Continued RDTEN of new and emerging tech into MCIEE	1	2024	4	2029