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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

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| Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i> | R-1 Program Element (Number/Name) PE 0604805A / <i>Command, Control, Communications Systems - Eng Dev</i> |
|--|---|

| COST (\$ in Millions) | Prior Years | FY 2019 | FY 2020 | FY 2021 Base | FY 2021 OCO | FY 2021 Total | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | - | 15.366 | 12.595 | 11.079 | - | 11.079 | 20.370 | 20.204 | 17.631 | 17.026 | 0.000 | 114.271 |
| 593: <i>Joint Battle Command - Platform (JBC-P)</i> | - | 15.366 | 12.595 | 11.079 | - | 11.079 | 20.370 | 20.204 | 17.631 | 17.026 | 0.000 | 114.271 |

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Army Network Modernization Strategy LOE 2, Common Operating Environment. Efforts are aligned to support the Network-Cross Functional Team capability set approach to achieve the network modernization strategy.

JBC-P supports the LOE 2 by utilizing:

- Interoperable data, message, and waveforms
- Integration with Joint C5ISR and strike capabilities
- Sensors and applications that enable operations across domains

The Joint Battle Command - Platform program is the cornerstone of Joint Forces Command and Control (C2) Situational Awareness (SA) and communications. JBC-P includes a network which enables the movement of data and provides secure Blue Force Tracking (BFT) capability in Platforms and Command Posts, providing soldiers and commanders a map-based Common Operating Picture of the battlefield, as a result, reducing fratricide.

PdM JBC-P, under PM Mission Command (MC), is collaborating with the Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, and Reconnaissance (C5ISR) Space and Terrestrial Communications Directorate (S&TCD) on evolving the BFT network. Systems engineering/planning activities are underway to develop the evolution path of the BFT network, and the introduction of a Modular Open Systems Approach (MOSA). In addition, there were two RDT&E contractual efforts in FY18 (assess the feasibility of reusing existing BFT-2 transceivers (hardware) and replacing it third party or government owned waveforms), and FY 2019 (assess the feasibility of introducing BFT network resiliency components to existing BFT network). Those efforts are intended to inform a BFT-3 full and open solicitation (RFP) to industry in FY 2021.

JBC-P RDT&E resources are used to improve JBC-P hardware, network performance, and network resiliency; while Mounted Computer Environment (MCE) RDT&E is used to improve and add software applications.

FY 2021 funding has been increased to allow JBC-P to perform initial modular waveform audit and validation, prototype BFT-3 transceiver performance testing, and release of transceiver contract solicitation.

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| B. Program Change Summary (\$ in Millions) | FY 2019 | FY 2020 | FY 2021 Base | FY 2021 OCO | FY 2021 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 15.950 | 12.595 | 8.622 | - | 8.622 |
| Current President's Budget | 15.366 | 12.595 | 11.079 | - | 11.079 |
| Total Adjustments | -0.584 | 0.000 | 2.457 | - | 2.457 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | -0.584 | - | | | |
| • SBIR/STTR Transfer | - | - | | | |
| • Adjustments to Budget Years | - | - | 2.457 | - | 2.457 |

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| Exhibit R-2A, RDT&E Project Justification: PB 2021 Army | | | | | | | | | | Date: February 2020 | | |
| Appropriation/Budget Activity 2040 / 5 | | | | | R-1 Program Element (Number/Name) PE 0604805A / <i>Command, Control, Communications Systems - Eng Dev</i> | | | | Project (Number/Name) 593 / <i>Joint Battle Command - Platform (JBC-P)</i> | | | |
| COST (\$ in Millions) | Prior Years | FY 2019 | FY 2020 | FY 2021 Base | FY 2021 OCO | FY 2021 Total | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Cost To Complete | Total Cost |
| 593: <i>Joint Battle Command - Platform (JBC-P)</i> | - | 15.366 | 12.595 | 11.079 | - | 11.079 | 20.370 | 20.204 | 17.631 | 17.026 | 0.000 | 114.271 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Army Network Modernization Strategy LOE 2, Common Operating Environment. Efforts are aligned to support the Network-Cross Functional Team capability set approach to achieve the network modernization strategy.

JBC-P supports the LOE 2 by utilizing:

- Interoperable data, message, and waveforms
- Integration with Joint C5ISR and strike capabilities
- Sensors and applications that enable operations across domains

The Joint Battle Command - Platform program is the cornerstone of Joint Forces Command and Control (C2) Situational Awareness (SA) and communications. JBC-P includes a network that enables the movement of data and provides secure Blue Force Tracking (BFT) capability in Platforms and Command Posts. This network provides soldiers and commanders a map-based Common Operating Picture of the battlefield, and as a result, reduces fratricide.

PdM JBC-P, under PM Mission Command (MC), is collaborating with the Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, and Reconnaissance (C5ISR) Space and Terrestrial Communications Directorate (S&TCD) on evolving the BFT network. Systems engineering/planning activities are underway to develop the evolution path of the BFT network, and the introduction of a Modular Open Systems Approach (MOSA). In support of BFT evolution, there were two RDT&E contractual efforts in FY 2018 (assess the feasibility of reusing existing BFT-2 transceivers (hardware) and replacing it third party or government owned waveforms), and FY 2019 (assess the feasibility of introducing BFT network resiliency components to existing BFT network). Those efforts are intended to inform a BFT-3 full and open solicitation (RFP) to industry in FY 2021.

FY 2021 JBC-P RDT&E resources are used to improve JBC-P hardware, network performance, and network resiliency; while Mounted Computer Environment (MCE) RDT&E is used to improve and add software applications.

FY 2021 funding has been increased to allow JBC-P to perform initial modular waveform audit and validation, prototype BFT-3 transceiver performance testing, and release of transceiver contract solicitation.

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

| | FY 2019 | FY 2020 | FY 2021 |
|--|----------------|----------------|----------------|
| Title: Software/Systems Engineering | 13.533 | 10.363 | 8.753 |

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| Appropriation/Budget Activity 2040 / 5 | R-1 Program Element (Number/Name) PE 0604805A / <i>Command, Control, Communications Systems - Eng Dev</i> | Project (Number/Name) 593 / <i>Joint Battle Command - Platform (JBC-P)</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2019 | FY 2020 | FY 2021 |
| <p>Description: Perform Software/Systems Engineering in support of the development of JBC-P capabilities, applications, and services, to include, but not limited to, conducting engineering studies, architecture development (both software and network), system analyses, technical readiness assessments, technical interchange meetings/events, and development of related reports and other deliverables.</p> <p>FY 2020 Plans: Continue to conduct Systems Engineering, and Component Characterization and Validation for next generation BFT transceiver; to include the development of the BFT 3 transceiver modular waveform, interoperability with the BFT 2 Satellite Network Control Center (SNCC) and Satellite Ground Station (SGS), and upgrade the Waveform/Network Virtualization for the BFT network to support the new modular waveform.</p> <p>Funding will also support development of solicitation package for BFT 3 next generation Transceiver full and open competition, and Modular Open Systems Approach (MOSA) development.</p> <p>FY 2021 Plans: Continue to conduct Systems Engineering, and prototype design for next generation BFT transceiver; to include the development and integration of the BFT 3 transceiver running the BFT modular waveform, interoperability with the BFT 2 Satellite Network Control Center (SNCC) and Satellite Ground Station (SGS), and upgrade the Waveform/Network Virtualization for the BFT network to support the new modular waveform. Funding will also support the BFT 3 next generation Transceiver development award.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Software/Systems Engineering funding decreases from FY 2020 to FY 2021 to focus on prototype BFT-3 transceiver performance testing and perform initial modular waveform audit and validation. This coincides with the Test, Evaluation and Integration funding increase from FY 2020 to FY 2021.</p> | | | | |
| <p>Title: Test, Evaluation and Integration</p> <p>Description: Plan and conduct system Integration test and experimentation events, in support of the JBC-P family of systems, to include Risk Reduction Events, vulnerability testing, and Army Interoperability Certification (AIC) testing.</p> <p>FY 2020 Plans: FY 2020 testing will continue evaluating enhancements to the BFT/JBC-P network, to include third-party component (transceiver) characterization, validation of the BFT 3 satellite ground station components, and validation of the RIF ?Resilient BFT?</p> | | 0.757 | 0.757 | 1.251 |

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| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2019 | FY 2020 | FY 2021 |
| <p>deliverable. JBC-P will continue to develop lab-based operational risk reductions of the currently fielded BFT 1 and BFT 2 network, to include the SNCC, SGS, and Waveform Virtualization.</p> <p>FY 2021 Plans: Will conduct testing enhancements to the BFT/JBC-P network, to include third party component (transceiver) characterization, BFT modular waveform verification and validation, and validation of the Rapid Innovation Funding (RIF) deliverables.</p> <p>Continue to maintain and upgrade BFT network mitigation test lab (operational risk reduction of the currently fielded BFT 1 and BFT 2 network, to include the Satellite Network Control Center (SNCC), Satellite Ground Station (SGS)), and the updated modular waveform virtualization.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Test, Evaluation and Integration funding increased from FY 2020 to FY 2021 because of increased C5ISR lab based internal waveform testing to further inform BFT-3 transceiver award.</p> | | | | |
| <p>Title: PM Support (Matrix & Contractor)</p> <p>Description: JBC-P matrix and contractor support, including technical, logistics, and business staff oversight.</p> <p>FY 2020 Plans: Will continue to provide technical (SATCOM, Network, Intel, RF, Cyber, Waveform, Transport) and business oversight for JBC-P architecture sustainment and system engineering activities. Program Management includes funds execution, contract management, and logistical support for the BFT-3 integrated planning team (IPT) & consortium (industry & academia).</p> <p>FY 2021 Plans: Will continue to provide technical (SATCOM, Network, Intel, RF, Cyber, Waveform, Transport) and business oversight for JBC-P architecture sustainment and system engineering activities. Program Management includes funds execution, contract management, and logistical support for the BFT-3 standards body (responsible for configuration management, and new technology insertion into the modular open systems architecture and the modular waveform).</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: PM Support (Matrix & Contractor) funding remains relatively constant from FY 2020 to FY2021.</p> | | 1.076 | 0.903 | 1.075 |
| <p>Title: FY 2020 SBIR/STTR Transfer</p> <p>Description: Funding transferred in accordance with Title 15 USC ?638</p> <p>FY 2020 Plans:</p> | | - | 0.572 | - |

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| | | | |
|---|----------------|----------------|----------------|
| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2019 | FY 2020 | FY 2021 |
| Funding transferred in accordance with Title 15 USC ?638 | | | |
| <i>FY 2020 to FY 2021 Increase/Decrease Statement:</i> Funding transferred in accordance with Title 15 USC ?638 | | | |
| Accomplishments/Planned Programs Subtotals | 15.366 | 12.595 | 11.079 |

| | | | | | | | | | | | |
|--|----------------|----------------|---------------------|--------------------|----------------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|
| C. Other Program Funding Summary (\$ in Millions) | | | | | | | | | | | |
| Line Item | FY 2019 | FY 2020 | FY 2021 Base | FY 2021 OCO | FY 2021 Total | FY 2022 | FY 2023 | FY 2024 | FY 2025 | Cost To Complete | Total Cost |
| • W61990: JOINT BATTLE COMMAND - PLATFORM (JBC-P) | 401.991 | 282.114 | 243.850 | - | 243.850 | 170.832 | 160.402 | 145.606 | 176.484 | 0.000 | 1,581.279 |

Remarks
Procurement funding in FY 2016 through 2025 (Base funding) is designated for the procurement, fielding, and program management of JBC-P Family of Systems including JBC-P and JBC-P Log.

D. Acquisition Strategy
The JBC-P Capabilities Development Document in lieu of Capabilities Production Document (CDD ILO CPD) was Joint Requirements Oversight Council (JROC) approved March 2013. Completed Initial Operational Test & Evaluation (IOT&E) as part of Network Integration Evaluation (NIE) 13.2 in 3QFY13. The IOT&E tested the JBC-P system software on existing FBCB2 hardware (non-dismountable vehicle systems) and future production-representative hardware. On completion of Army Interoperability Certification (AIC) and Joint Interoperability Test Certification (JITC), MDA authorized Full Rate Production (FRP) in 1QFY14. First unit equipped (FUE) was successfully conducted 3QFY15.

Developmental efforts are being performed through intra-government collaboration. System engineering efforts are being performed by C5ISR's Space and Terrestrial Communications Directorate (S&TCD); Command, Power and Integration (CP&I) and the Intelligence and Information Warfare Directorate (I2WD). Those efforts are intended to inform a BFT-3 full and open solicitation (RFP) to industry FY21. Hardware along with fielding, training and field support efforts are obtained through existing competitively awarded contracts.

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army | | | | | | | | | | | | Date: February 2020 | | | |
|--|------------------------|---|-------------|--|------------|---------|------------|---|------------|-------------|------------|---------------------|------------------|------------|--------------------------|
| Appropriation/Budget Activity | | | | R-1 Program Element (Number/Name) | | | | Project (Number/Name) | | | | | | | |
| 2040 / 5 | | | | PE 0604805A / Command, Control, Communications Systems - Eng Dev | | | | 593 / Joint Battle Command - Platform (JBC-P) | | | | | | | |
| Management Services (\$ in Millions) | | | | FY 2019 | | FY 2020 | | FY 2021 Base | | FY 2021 OCO | | FY 2021 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| FY 2020 SBIR/STTR Transfer | TBD | Various : Various | - | - | | 0.572 | | - | | - | | - | 0.000 | 0.572 | - |
| Subtotal | | | - | - | | 0.572 | | - | | - | | - | 0.000 | 0.572 | N/A |
| Product Development (\$ in Millions) | | | | FY 2019 | | FY 2020 | | FY 2021 Base | | FY 2021 OCO | | FY 2021 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| JBC-P Software Development | Various | Multiple : Multiple | 67.463 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| JBC-P Software/System Engineering | Various | Multiple (Government and industry) : Multiple | 45.397 | 13.533 | Jan 2019 | 10.363 | Jan 2020 | 8.753 | Dec 2020 | - | | 8.753 | Continuing | Continuing | - |
| Subtotal | | | 112.860 | 13.533 | | 10.363 | | 8.753 | | - | | 8.753 | Continuing | Continuing | N/A |
| Support (\$ in Millions) | | | | FY 2019 | | FY 2020 | | FY 2021 Base | | FY 2021 OCO | | FY 2021 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| PM Support (Matrix / SETA Contractor) | Various | PM JBC-P : Aberdeen Proving Ground (APG), MD | 8.254 | 1.076 | Dec 2018 | 0.903 | Dec 2019 | 1.251 | Dec 2020 | - | | 1.251 | Continuing | Continuing | - |
| Subtotal | | | 8.254 | 1.076 | | 0.903 | | 1.251 | | - | | 1.251 | Continuing | Continuing | N/A |
| Test and Evaluation (\$ in Millions) | | | | FY 2019 | | FY 2020 | | FY 2021 Base | | FY 2021 OCO | | FY 2021 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Develop and Conduct Tests and Assessments | MIPR | Multiple : Multiple | 28.901 | 0.757 | Jan 2019 | 0.757 | Jan 2020 | 1.075 | Dec 2020 | - | | 1.075 | Continuing | Continuing | - |
| Subtotal | | | 28.901 | 0.757 | | 0.757 | | 1.075 | | - | | 1.075 | Continuing | Continuing | N/A |



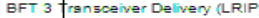


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| Exhibit R-4, RDT&E Schedule Profile: PB 2021 Army | | Date: February 2020 |
| Appropriation/Budget Activity 2040 / 5 | R-1 Program Element (Number/Name) PE 0604805A / Command, Control, Communications Systems - Eng Dev | Project (Number/Name) 593 / Joint Battle Command - Platform (JBC-P) |

| Event Name | FY 2019 | | | | FY 2020 | | | | FY 2021 | | | | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|---|---|---|---------|---|---|---|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| AIC JBC-P v1.6.0.7 | [Redacted] Software version 1.6.0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Army Expeditionary Warfighter Experiment (AEWE) | [Redacted] AEWE 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BFT 3 Systems Engineering Development and Consurtium | [Redacted] CCDC/C5ISR Led With Industry Partners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIF Unit Experimentation | | | | | [Redacted] FY20 - Developmental Operations (DevOps) | | | | | | | | | | | | | | | | | | | | | | | |
| NetModX (Unit Experimentation) | | | | | [Redacted] DevOps Test Event | | | | | | | | | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Developmental Testing (C5ISR Lab based) | | | | | | | | | [Redacted] FY21 Internal waveform testing to further inform 4Q FY21 BFT-3 Transceiver award | | | | | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Request for Proposal (RFP) | | | | | | | | | 1 [Redacted] BFT 3 RFP | | | | | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Contract Award | | | | | | | | | | | | | 2 [Redacted] BFT 3 Transceiver Contract Award | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Design Review 1 | | | | | | | | | | | | | 3 [Redacted] Unofficial Preliminary Design Review (PDR) | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Developmental Testing (C5ISR Lab based) 2 | | | | | | | | | | | | | [Redacted] FY22 BFT-3 Transceiver C5ISR Lab Based Testing | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Design Review 2 | | | | | | | | | | | | | 4 [Redacted] Unofficial Critical Design Review (CDR) | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Developmental Test (DT) | | | | | | | | | | | | | | | | | [Redacted] Planned Transceiver DT | | | | | | | | | | | |
| BFT 3 Transceiver Delivery (Engineering and Manufacturing Design (EMD)) Phase | | | | | | | | | | | | | | | | | 5 [Redacted] Initial Transceiver Delivery (EMD) Phase | | | | | | | | | | | |

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| Exhibit R-4, RDT&E Schedule Profile: PB 2021 Army | | Date: February 2020 |
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| Event Name | FY 2019 | | | | FY 2020 | | | | FY 2021 | | | | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | | | | | | | | |
|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---|---|---|---|---------|---|---|---|---|--|--|--|--|--|--|--|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | | | | | | | |
| BFT 3 Transceiver Operational Test (OT) | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
| BFT 3 Transceiver Delivery (Limited Rate Initial Production (LRIP)) | | | | | | | | | | | | | | | | | | | | |  | | | | | | | |  | | | | | | | |
| BFT 3 Transceiver Full Rate Production (FRP) Contract Award | | | | | | | | | | | | | | | | | | | | |  | | | | | | | |  | | | | | | | |
| BFT 3 Transceiver First Unit Equipped (FUE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2021 Army | | Date: February 2020 |
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Schedule Details

| Events | Start | | End | |
|---|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| AIC JBC-P v1.6.0.7 | 4 | 2018 | 2 | 2019 |
| Army Expeditionary Warfighter Experiment (AEWE) | 2 | 2019 | 3 | 2019 |
| BFT 3 Systems Engineering Development and Consurtium | 2 | 2017 | 4 | 2021 |
| RIF Unit Experimentation | 3 | 2020 | 4 | 2020 |
| NetModX (Unit Experimentation) | 3 | 2020 | 3 | 2020 |
| BFT 3 Transceiver Developmental Testing (C5ISR Lab based) | 1 | 2021 | 4 | 2021 |
| BFT 3 Transceiver Request for Proposal (RFP) | 1 | 2021 | 1 | 2021 |
| BFT 3 Transceiver Contract Award | 4 | 2021 | 4 | 2021 |
| BFT 3 Transceiver Design Review 1 | 1 | 2022 | 1 | 2022 |
| BFT 3 Transceiver Developmental Testing (C5ISR Lab based) 2 | 1 | 2022 | 4 | 2022 |
| BFT 3 Transceiver Design Review 2 | 3 | 2022 | 3 | 2022 |
| BFT 3 Transceiver Developmental Test (DT) | 1 | 2023 | 2 | 2023 |
| BFT 3 Transceiver Delivery (Engineering and Manufacturing Design (EMD)) Phase | 1 | 2023 | 1 | 2023 |
| BFT 3 Transceiver Operational Test (OT) | 1 | 2024 | 2 | 2024 |
| BFT 3 Transceiver Delivery (Limited Rate Initial Production (LRIP)) | 1 | 2024 | 1 | 2024 |
| BFT 3 Transceiver Full Rate Production (FRP) Contract Award | 2 | 2024 | 2 | 2024 |
| BFT 3 Transceiver First Unit Equipped (FUE) | 2 | 2025 | 2 | 2025 |