LOCKHEED MARTIN

Building the Arsenal of Freedom

SMDS Media Briefing
Aug. 10, 2026

The Strategic Threat Environment

Johnathon Caldwell, Vice President & General Manager,

Strategic & Missile Defense Systems

The Strategic Threat Environment

The Reality

- Exoatmospheric & hypersonic missile advancements
- Deterrence requires rapid, scalable production
- Neutralized geographic buffers

Mission Integration

- Multilayered homeland defense architecture
- Cross-domain integration from sensor to shooter
- Open-architecture systems for rapid modernization

Safeguarding the Homeland

Our Approach

- A unified effort across major defense primes, small businesses, tech startups and non-traditional commercial suppliers
- Large-scale system integration with the fast-paced innovation and agility of smaller businesses
- Targeted internal R&D investments
- Multitier supplier networks
- Modernized factories to meet dynamic DoW demands

Building Tomorrow's Arsenal: Investing, Innovating & Demonstrating at Speed

Todd Stevens, Vice President, Mission Strategy & Advanced Capabilities

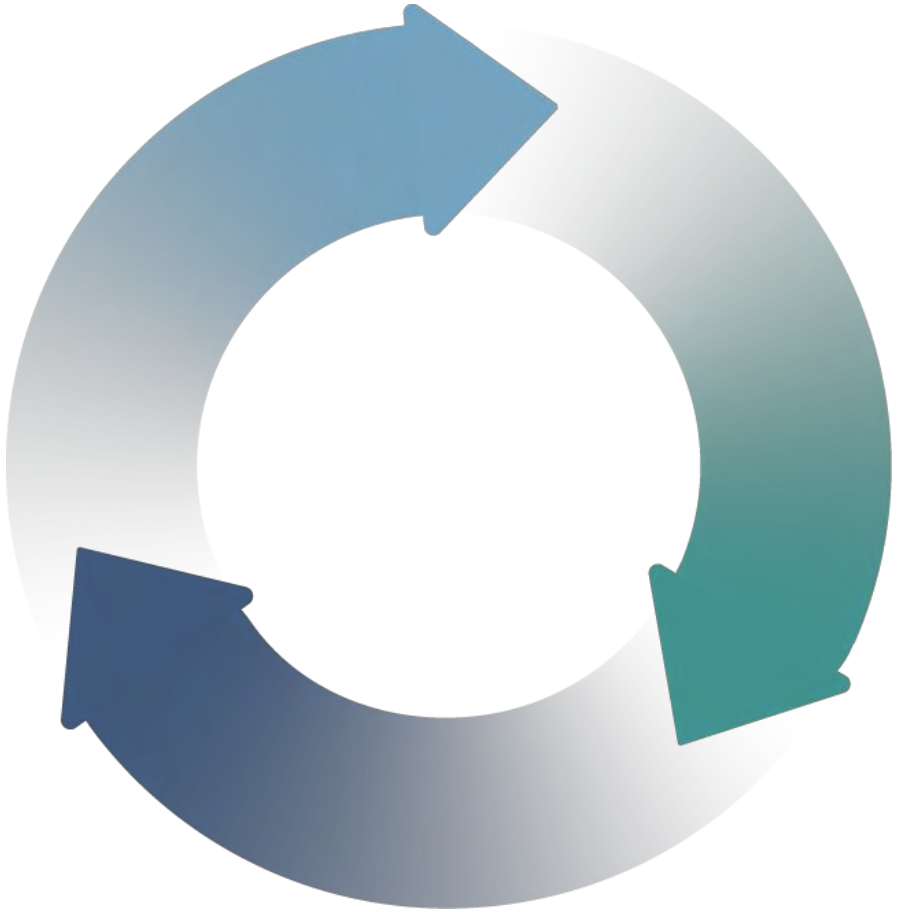
Erika Marshall, Vice President, Enterprise Mission Command & Control

Stacy Kubicek, Vice President & General Manager, Sensors & Global Sustainment

Investing Ahead Of Need

Building Operational Readiness.

- Autonomous operations
- Proximity operations
- Wideband communications
- Infrared sensing
- Quantum technology
- Launch capabilities
- Common satellite architectures
- Missile defense



1

INVEST & DEMONSTRATE

Lockheed Martin self-funds rapid capability demonstrations:

2

PARTNER & TRANSITION

Government customers leverage demonstrated capabilities to accelerate acquisition and reduce development risk.

3

SCALE & FIELD

Capabilities transition into programs of record, production lines, and operational architectures. Lessons feed next-gen demonstrations.

Why We Demonstrate

TEST EARLY.
Validate emerging technologies in realistic environments.

LEARN FAST.
Collect performance data and rapidly iterate.

REDUCE RISK.
Build confidence before operational deployment.

From Space To Strike:

The Future of Integrated Defense

We are already committed to **a dozen** operational space demonstrations, with many other variations to come. We are showing our customers a more resilient and responsive defense ecosystem.

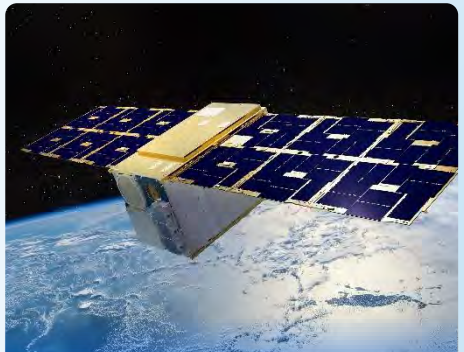
LAUNCHED

LM LINUSS™

Rendezvous & Proximity Ops | GEO

- Advanced automated RPO
- On-orbit servicing & refueling
- Cloud-based operations
- Reconfigured for add'l missions

Pony Express 1



Tactical Communications | LEO

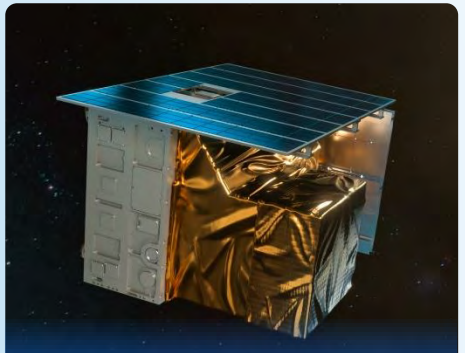
- Mesh Networking
- SmartSat™ and HiveStar™
- Software-defined radio for high-bandwidth processing

Pony Express 2

Tactical Communications | LEO

- Autonomous operations
- Edge processing
- Beyond Line-of-Sight Comms (tactical)

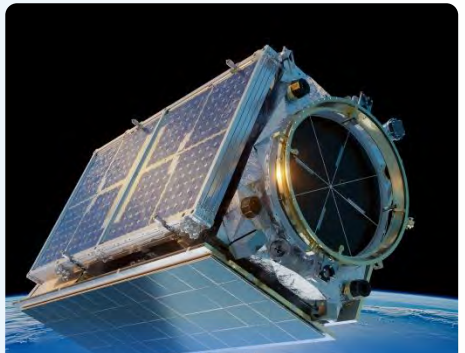
"Tantrum"



Electronically Steerable Array | LEO

- Wideband ESA
- Firefly Aerospace launch
- Faster sensor calibration

LM 400

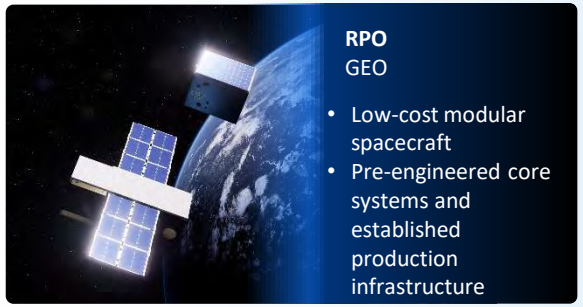


LM 400 Technical Maturity | LEO

- LM 400 ATLO in Gateway Center
- LM 400 Flight & Operations

UPCOMING

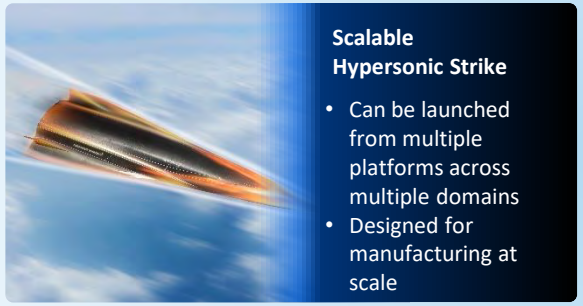
Next-Generation Space Dominance (NGSD)



RPO
GEO

- Low-cost modular spacecraft
- Pre-engineered core systems and established production infrastructure

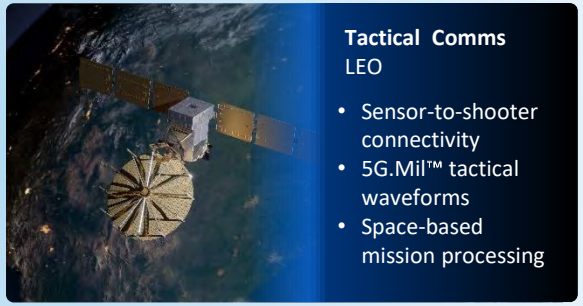
Next Generation Glide Body (NXGB)



Scalable Hypersonic Strike

- Can be launched from multiple platforms across multiple domains
- Designed for manufacturing at scale

Tactical Satellite



Tactical Comms
LEO

- Sensor-to-shooter connectivity
- 5G.Mil™ tactical waveforms
- Space-based mission processing

Space Based Interceptor

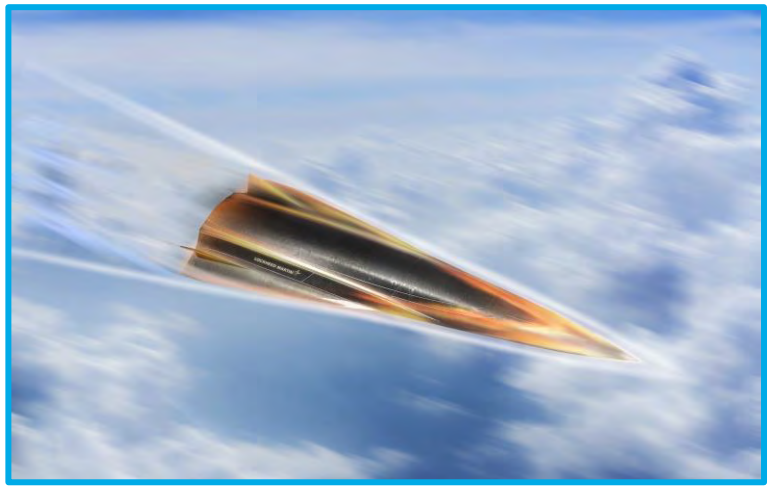
Missile Defense
LEO

- On-orbit interceptor demonstration

Next Generation Glide Body (NXGB)

Modular Payload Delivery System

- **Speed to Capability:** Rapidly scales hypersonics to accelerate Department of War priorities.
- **Modular Architecture:** Standardized interfaces allow payload integration with minimal system impact.
- **Multi-Mission Flexibility:** Supports deep long-range strike, heavy payloads and missile defense.
- **Cost & Time Savings:** Eliminates the cost and delay of building single-purpose airframes.



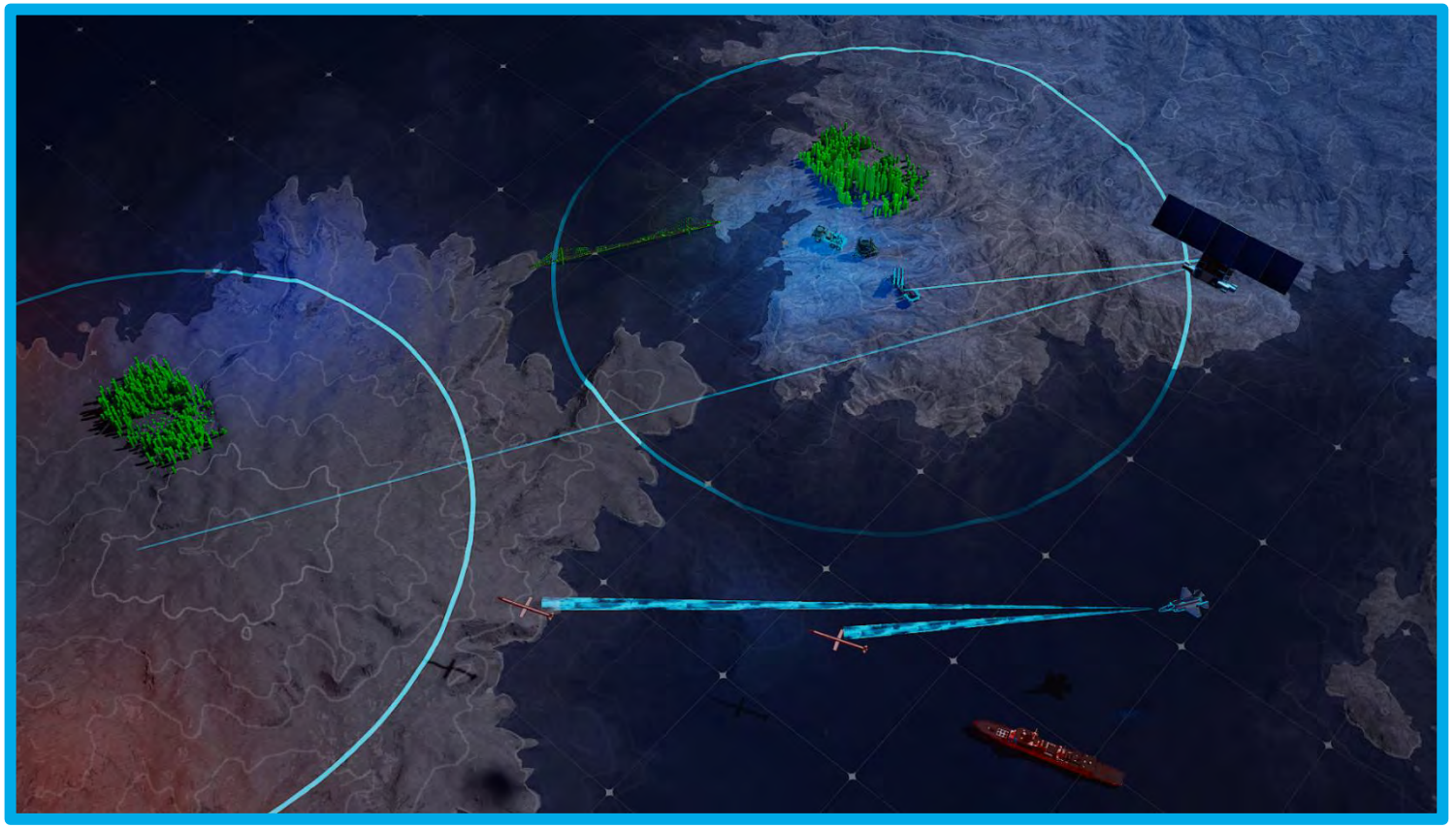
Partnership with Albany Engineered Composites

- **Strategic Collaboration:** Unites Lockheed Martin integration with AEC composite manufacturing.
- **Scalable Delivery:** Built for upcoming full-rate production hypersonic programs.
- **Bridging the Gap:** Moves flight-proven designs into high-rate, affordable production.
- **Industrial Capacity:** Strengthens the national security industrial base at required speed and scale.


PROVEN TECHNOLOGY IS TRUSTED TECHNOLOGY

Modeling and Simulation Vistas Framework Contract Award

- Modernize MDA's Modeling & Simulation Enterprise
- Moves capability to the cloud
- Partnering with MDA Transformation Task Force
- Helps to accelerate Missile Defense Capability



Modernizing how we test accelerates how we defend.

Valiant Shield 2026 – Software Driven Integration at Scale

Integrated Battle Manager Demonstration

- Common Tactical Picture
- Integration Agility
- AI Enabled Decision Advantage

Commercial Track Custody

- Flexible Commercial Integration
- Speed to Capability
- On-Demand Track Custody

Software-driven Integration at Scale

Taipan Strike – Advancing Integration for MRGBD

Medium Range Ground Based Air Defense Live Missile Test

- Partnered with Australian Defence Force, US Navy and Australian Industry
- Integrating New and existing capability
- Successfully executed live missile test
- Foundation for modernization

Coalition interoperability begins with integration.

Strigo™

Meeting the Moment: Delivering Integrated Solutions with Speed

Jason Reynolds, Vice President and General Manager, Integrated Air & Missile Defense

Christopher Jewell, Vice President, Next Generation Interceptor

Mike Tronolone, Director, S&BD, Land and Maritime Solutions

Advancing IAMD at Speed and Scale

ACCELERATE

INNOVATE

EXPAND

NGI: Missile Assembly Building (MAB-5) Opens

Expanding Industrial Base

- 88,000-square-foot purpose-built facility opens
- Synergized with new Troy, Alabama facility

Integrated Defense Backbone

- Open system architecture
- Designed for in-silo updates

Digital Factory Efficiency

- Digital twin methodology reduces risk
- Data-driven production drives faster delivery times

NGI: Proven Milestones Driving Toward 2027 Production

Programmatic Momentum

- Program is vibrant and moving toward CDR, the final milestone before production

Proven Hardware Milestones

- Second-stage motor case passes pressure test
- Proves advanced motor architecture can meet harsh conditions with precision performance
- Sensors and electronics moving through final CDRs, critical tests and early builds

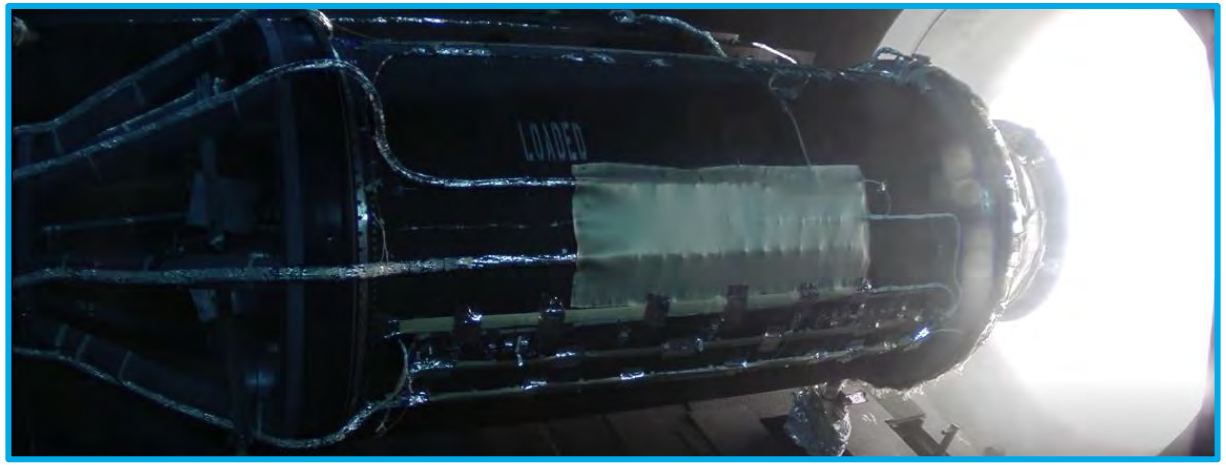
NGI: Stage 2 Solid Rocket Motor Completes LEO Vacuum Test

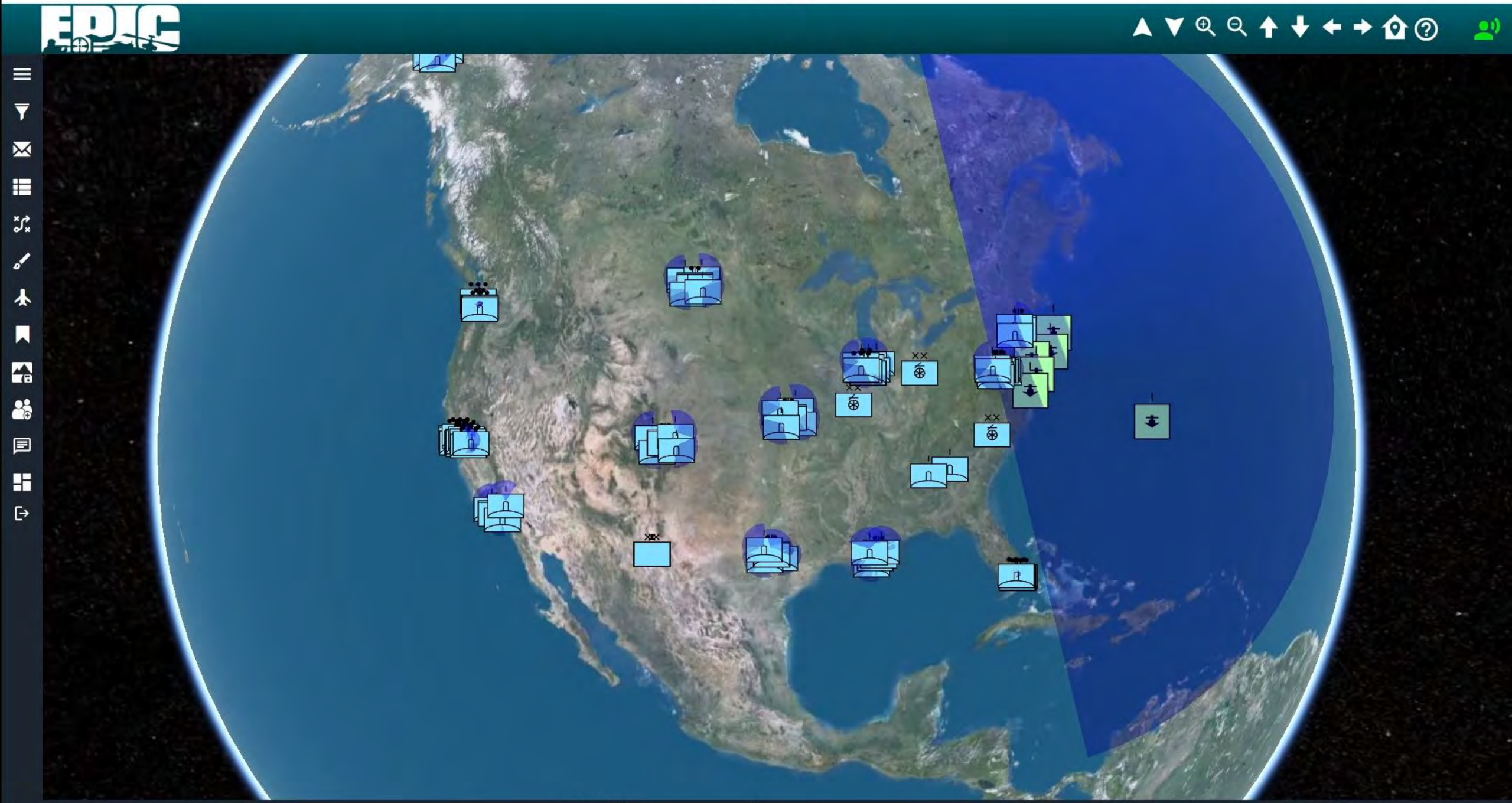
Low-Earth Orbit Validation

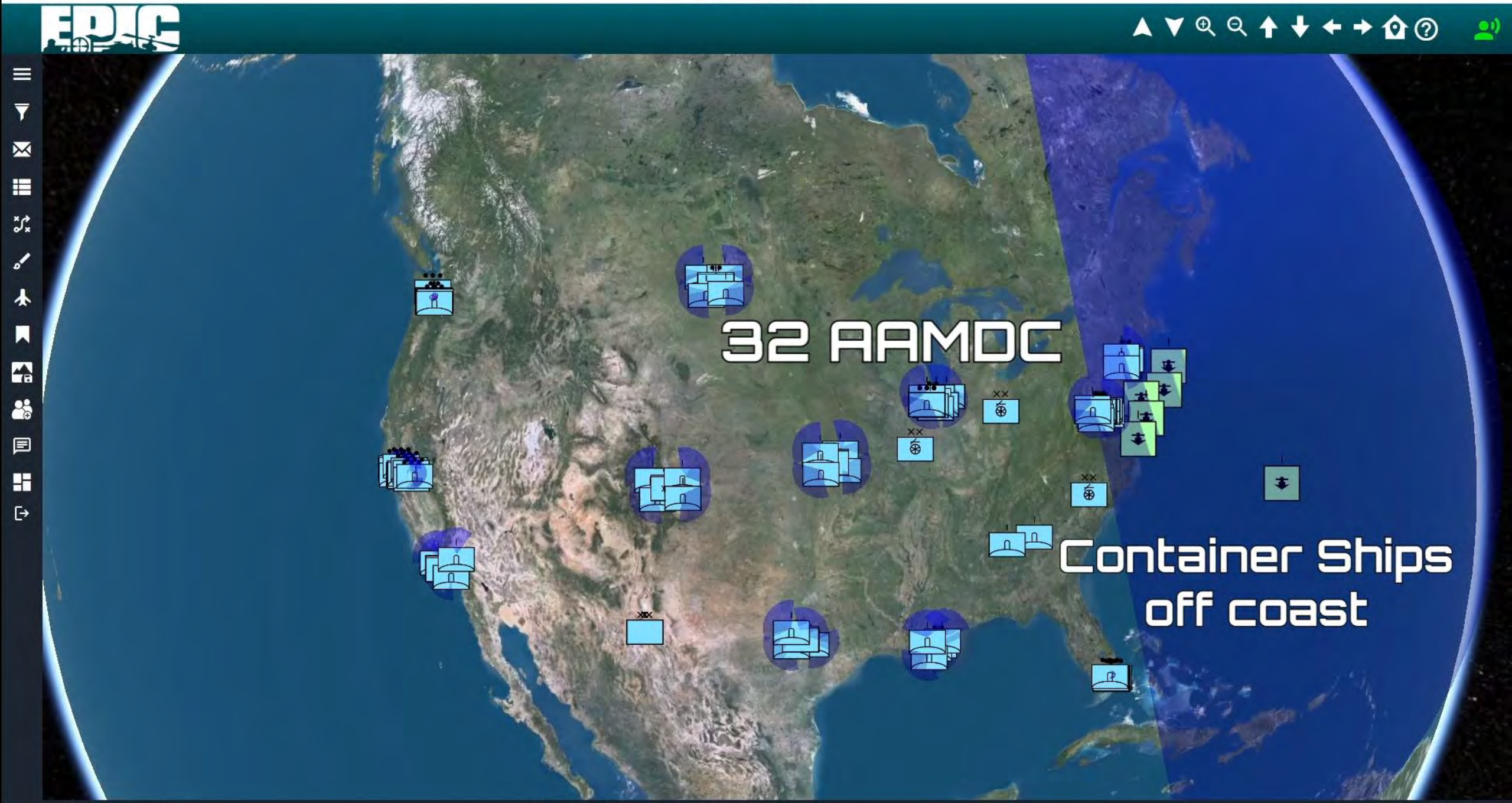
- Tested in a high-vacuum chamber replicating low-earth orbit (LEO)
- Confirmed key performance metrics for thrust & combustion safety
- L3Harris Stage 2 motor meets demanding thermal limits

Critical Path to CDR

- Empirical test data directly informs final interceptor design
- Validates hardware readiness for fielding by 2030




EPIC
MGRS: 24RVT2975525951
1000 km
2025-08-21T00:40:00 Zulu


32 AAMDC
Container Ships
off coast

Homeland Defense:
A Shared Imperative Across the Aisle

Johnathon Caldwell, Vice President & General Manager,

Strategic & Missile Defense Systems

Closing Thoughts

National Imperative

- Homeland defense is a non-partisan issue
- Universal threat protection across all domains
- Uncompromising commitment to bringing the warfighter home

Demos + Small/Large Biz Innovation + Scaled Production = Deterring Threats


LOCKHEED MARTIN