



L3HARRIS

CAPABILITIES BEING SOUGHT

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING SYSTEMS

- Adaptive filtering & Processing
- Data collection, fusion, encryption & dissemination systems
- Simulations, Modelling & Predictive analytics
- Big Data management and curation systems

AUTONOMOUS SYSTEMS

- Miniaturised Optical Sensors & Payloads
- Onboard systems management

CYBER-WARFARE TECHNOLOGIES

- Multi-domain facing Quantum applications
- Threat identification & neutralisation capabilities

PRECISION NAVIGATION SYSTEMS

- Geolocation systems
- Precision timing systems

EVOLVED MANUFACTURING PRODUCTS & TECHNIQUES

- Additive Manufacturing
- Filament Winding
- Robotics & Automation of processes
- Advanced materials and nanotechnologies
- Advanced PCB Manufacturing
- Specialist Surface treatment and electroplating
- Advanced thermal management technologies

ELECTRONIC WARFARE & ADVANCED SYSTEMS

- Active & Passive Radar & detection systems
- Electromagnetic & Sensor protective measures
- Enhanced signal acquisition & management systems
- Infrared, Electro Optical & Acoustic Sensors
- Integrated Cyber/AI systems
- High Energy Systems (inc. RF and Laser based)

HYPERSONIC PROPULSION

- Composite Materials
- Solid Fuels & Energetic Materials

NOVEL & EMERGING ON-ORBIT SENSORS

- Hyperspectral Imaging
- LIDaR
- Quantum magnetometry
- Enhanced spectral information collection systems, including Optical systems

QUANTUM PROCESSING & INFORMATION SCIENCE TECHNOLOGIES

- Edge Computing capabilities
- Quantum RF Sensors
- Precision time generation and management

PRODUCTS & COMPONENTS

- Cables, kitting and spares
- Miniaturised components
- Novel antenna designs
- Aerospace standards rated fasteners
- Microwave / mm-wave chip design and manufacture
- Photonic chip design and manufacture
- Crystal Filter technology