



# 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

### PRECISION NAVIGATION SYSTEMS

- Geolocation systems
- Precision timing systems

### EVOLVED MANUFACTURING PRODUCTS & TECHNIQUES

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

### ELECTRONIC WARFARE SYSTEMS

- Enhanced signal acquisition & management systems
- Electromagnetic protective measures
- Integrated Cyber/AI systems

### 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

