



BAE SYSTEMS

CAPABILITIES BEING SOUGHT

Products

Digital Technologies

- HCI / HMI / visualisation – 2D / 3D
- Asset lifecycle modelling
- Decentralised data fusion

UAS / Autonomous Vehicles

- Intelligence, surveillance and reconnaissance systems
- Swarm evasion
- Strategic surveillance
- Next generation hybrid propulsion
- Battery/energy solutions

Guided Weapons

- Seeker technologies
- Aero structures

Underwater Battlespace

- Underwater ISR (sonar)
- Underwater weapons
- Underwater acoustic/optical radio frequency
- Future navigation technologies (GPS Denied)
- Data platform management Sensors

Above Water Battlespace

- Sensors
- Battlespace information fusion

Combat Vehicle Technology

- Ruggedised Components
- Lethality/survivability products and technology

Space

- Sensors
- Navigation
- Specialist Engineering Services

Future Combat Air Systems

- Aeronautical Engineering support

Manufacturing

Advanced Manufacturing

- Additive - 3D printing (metal and other materials)
- Composites
- Process Improvement - Industry 4.0 technologies
- Weight Reduction

Electronics / Electronic Systems

- Fibre optic cables
- Intelligence, surveillance and reconnaissance systems
- Advanced electronics
- semi – additive
- Semi Additive PCB Manufacturing

Special Processing

- Hypersonic glass (Ceramics)
- Heat Treatment -Vacuum / dip brazing

Innovation

Quantum Technologies

- Sensors
- Quantum at the edge
- Secured Communications
- PNT

Autonomy

- Navigation
- Software integration
- Emerging technologies in the AIML
- Payloads
- Safety solutions

Net Carbon Zero

- Concepts and technologies
- Novel fuels and power generation
- Material and component tracking

Hypersonics

- Vehicle design
- Propulsion

Electronic Warfare

- Sensors
- Signals processing technology
- Directed energy

Education

- AI/VR Learning
- Training Simulation/Support

