

# Army Guide monthly



# **3** (126) March 2015

- **GD UK Completes CDR for SCOUT Reconnaissance Variant**
- **AT Laserlite Video Surveillance products**
- **GD Awarded \$23 M for Buffalo Vehicle Upgrades**



## Future Technologies

### GD UK Completes CDR for SCOUT Reconnaissance Variant



General Dynamics UK has successfully completed the Critical Design Review (CDR) for the SCOUT Reconnaissance variant, as part of the SCOUT Specialist Vehicle (SV) programme.

The completion of the SCOUT Reconnaissance variant CDR is a significant marker in the SCOUT SV programme, with the first SCOUT Reconnaissance pre-production prototype to be completed later this year.

The CDR covered the fully-integrated SCOUT Reconnaissance platform, including the platform hull design, the Lockheed Martin UK-developed turret, Electronic Architecture, onboard software solutions, sub-systems and variant-specific products, such as the Primary Sight.

In service, the SCOUT Reconnaissance variant will provide best-in-class protection and survivability, reliability and mobility and all-weather Intelligence, Surveillance, Target Acquisition and Recognition (ISTAR) capabilities. It will enable the soldier to be at the point of collection of accurate all-weather commander information within a network-enabled, fully-digitised platform.

Kevin Connell, vice president at General Dynamics UK - Land Systems, said: "The SCOUT Reconnaissance variant is the flagship of the SCOUT SV programme and will provide a step-change in ground-based ISTAR capability to the British Army. The completion of the SCOUT Reconnaissance variant CDR is a significant step in delivering a family of SCOUT SV platforms, which represent the future of Armoured Fighting Vehicles for the British Army."

The SCOUT Reconnaissance variant CDR is the final variant-specific CDR to be completed ahead of the pending SCOUT SV System CDR, which will examine all aspects of each SCOUT SV platforms under a single review.

Defence Minister, Philip Dunne, said: "The SCOUT programme has already passed several of its key milestones, including the live blast trials. This latest achievement shows great progress, with SCOUT SV vehicles well on their way to being ready for Army user trials in 2017. This is an exciting time for the armoured vehicles business in the UK and it is great news that the SCOUT programme is already securing approximately 2,400 jobs across the country."

The range of SCOUT SV variants will allow the

British Army to conduct sustained, expeditionary, full-spectrum and network-enabled operations with a reduced logistics footprint. SCOUT SV can operate in combined-arms and multinational situations across a wide-range of future operating environments.

## Defence Industry

### AT Laserlite Video Surveillance products

AT Communication is pleased to announce the launch of the AT Laserlite Video Surveillance products and AT ISMS Integrated Security Management System.

The AT Laserlite range of products is able to be integrated in to a full night/day video surveillance solution that is able to illuminate a human intruder at up to 1.2km in total darkness for a fraction of ICCD or Thermal camera costs.

Using Advanced Laser Diode technology the AT Laserlite illuminator/camera combination provide powerful components in an overall surveillance solution.

Systems can be purchased in bespoke components or a complete integration service is available including development, design, installation, training and after sales service as a turnkey project.

Our field proven Integrated Security Management System (AT ISMS) software can be easily modified, expanded, and customized for specific applications. The AT ISMS includes a complimentary suite of functions including Integrated Digital Map Display, Intelligent Video Motion Detection, Panoramic View Generator, and various modules for Ground Surveillance Radar, Remote Weapon Control, Access control systems, CCTV's, Detection sensors, Network Digital Video recording.

The AT ISMS is perfectly suited to applications such as airports, sea ports, military bases, national borders, pipelines, nuclear power plants, government facilities, and correctional centres.

The AT Laserlite products are manufactured to meet stringent industrial and military specifications. In combination with our partners we are able to offer counter measure systems such as Unmanned Ground Vehicles (UGV), Unmanned Aerial Vehicles (UAV), and Remote Controlled Weapon Stations (RCWS). These systems have already been incorporated and integrated to the AT ISMS system.

For further information on models and solutions visit the following link

<http://at-communication.com/en/laser-surveillance-cameras/>

## Contracts

### GD Awarded \$23 M for Buffalo Vehicle Upgrades

The U.S. Army TACOM Lifecycle Management Command awarded General Dynamics Land

Systems a \$22.7 million contract for updates and revisions to all logistic requirements and data in support of the Buffalo A2 M1272 vehicle. General Dynamics Land Systems is a business unit of General Dynamics.



The Buffalo A2 is a heavily armored truck specifically designed to protect its occupants from mines and improvised explosive devices. The Buffalo is a recognized leader in the global mine-protected route-clearance vehicle class, with approximately 238 Buffalo A2 vehicles delivered to U.S. units throughout the world.

Work will be performed by existing employees in Sterling Heights, Michigan, with an estimated completion date of March 2018.

