

# Success of Integrated Logistic Support Partnering

Tactical Radiation Detection Equipment Delivered Early to Gulf Troops



In the successful bid for the Tactical Radiation and Monitoring Equipment (TRaME) contract, LSC Group and BNFL Instruments ripped down the barriers that so often restrict and complicate prime and sub-contractor relationships.

Driven by aggressive timescales and a need to maximise their strengths, a winning team was formed. This openness was shared and promoted within the Nuclear, Biological and Chemical IPT, providing an environment in which all parties could work together from the earliest stages of the TRaME acquisition in order to achieve the mutual goal of value for money and delivery to time, cost and quality.

The TRaME capability comprises monitoring, sensor and recording equipment to give land forces the ability to assess the risk of missions in a radioactive environment. It alerts troops to radioactive hazards and provides a survey facility to define the extent and severity of such hazards, together with tools to assist in defining the source.

LSC Group provided support to BNFL Instruments in the areas of Integrated Logistic Support (ILS), Logistic Support Analysis, safety, training, technical publications and Whole Life Cost analysis. The strategy adopted by LSC Group was reflective of the phased approach required to bring the TRaME equipments fully into service.

LSC Group provided an innovative approach to the unique support requirements of TRaME; while the Urgent Operational Requirement imposed demanding timescales, issues of providing an effective 15 year support solution also needed to be taken into account.

## The Challenge

To provide a comprehensive tactical radiation monitoring support package, ensuring effective and continued use of the equipment by British forces in the Gulf.

## Solution

LSC Group and BNFL Instruments developed a support package that included Integrated Logistic Support, Whole Life Costing, training and technical manuals.

## Customer Benefits

The TRaME support package was delivered within 9 weeks, giving land forces the ability to assess the risk of missions in a radioactive environment.

The immediate operational imperatives were the driving force behind the Urgent Operational Requirement support efforts. An initial analysis across all of the support areas enabled a package to be assembled in support of Operation TELIC in the Arabian Gulf. Based on feasibility due to the time constraints (7 days to respond to Urgent Operational Requirement and 8 weeks to have a support package in place) and a logical tailoring of MoD support principles, this package was delivered alongside the equipments in good time for operational deployment and ready for immediate use:

- Critical Spares Pack identified by early analysis.
- A full suite of Operator and Maintenance Manuals to meet the immediate need.
- Training package which included reusable training aids.
- Initial assessment of reliability requirements.
- Packaging standards were met.
- Equipment and critical spares codified to user standards

Although this satisfied the short-term requirements for TRaME, all of the parties involved in the project shared a commitment to deliver a comprehensive and cost effective through life support solution. This was central to the support strategy presented by LSC Group and during the initial stages of Operation TELIC comprehensive ILS and elemental planning documentation was produced. This provided the MoD with the opportunity to actively participate in all of the support plans, thereby enabling a partnering approach to be adopted.

The open working environment has been developed further during the In Service Monitoring Period, where resources and directives have been utilised at various points in the supply chain to ensure that as much effective reliability and supportability feedback has been captured from the field as is possible. This valuable insight will give the project team the ability to plan, deliver and manage the most cost effective through life support solution for TRaME, promoting a seamless approach to ILS that will drive down Whole Life Costs for the wider ranging requirements.

The project team's efforts were rewarded with a glowing report in the MoD Preview magazine, the report achievements of the project team in providing TRaME capability, contributing a significant capability improvement to UK land forces in time for operation TELIC. In this article the IPT leader, Col Andy Pedder, praised LSC Group, stating "...the approach taken involved specialist logistic consultants, LSC, to consider not only the immediate requirements but also longer-term safety and support needs. A close and proactive relationship was established".