

April 2012

Strategic Weapons Project Team Receives the Highest Commendation from UK Defence Equipment & Support (DE&S)

The Strategic Weapons Project Team United Kingdom Software Facility (UKSF) operates within a partnering arrangement between the MOD and MASS and together they have received a whole site commendation from the Chief of Defence Materiel for their contribution to the support of deterrent fleet operations in a period of demanding change.

MASS, a Cohort plc company, is an integral member of the Strategic Weapons Project Team at the UKSF and is proud to have been part of the team that received this award, which is the highest that the DE&S can confer.

The MOD and MASS operate as interdependent partners in the management of UKSF and this award, which was given to the whole team, recognises the high level of seamless integration that has been achieved. Operating as a closely integrated partner is a hallmark of the MASS approach to managed service delivery and this was the key to achieving a very challenging technical assignment in an unprecedentedly demanding timescale.

MASS has been responsible for supporting the UKSF since 2000 and carries out a wide range of specialist technical tasks including operational analysis, studies, IT infrastructure management, software engineering and the maintenance of a secure MOD facility. MASS leads a team that includes MBDA, HP and Carillion Defence. A further nine-year Target Cost Incentive Fee contract was awarded in 2010 on a sole source basis underlining the high level of customer satisfaction and value being delivered on the programme.

Ashley Lane, Managing Director of MASS said *"The United Kingdom Software Facility team, part of the Strategic Weapons Project Team, is highly dedicated, with the results of its hard work unseen outside of a very small community. This award stands as public recognition and testimony to the commitment of the team, which delivers day in and day out in support of a vital national defence programme"*.

<https://www.mass.co.uk/about-us.asp?older>

Dstl's Head Office Account provides support and advice to the following customer groups: • Security Policy and Operations • Finance and Military Capability • Head Office and Commissioning Services • Defence Personnel • DE&S' Weapons Operating Centre, Cost Analysis and Assurance Services, Strategic Weapons project team and Technical Delivery • Defence Science and Technology

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/467395/Head_Office_Factsheet.pdf

5 Strategic Weapons Project Team (SW-PT). The SW-PT's responsibilities relate to delivery of the nuclear warhead programme, its lifetime availability and capability, operation of AWE, and management of MoD liabilities on other nuclear licensed sites.

<http://www.onr.org.uk/operational/inspection/ns-insp-gd-056.pdf>

- **Strategic Weapons Project Team - Submarine Operations Group Leader**

Defence Equipment & Support

August 2010 – Present (5 years 7 months)

Team Leader for a Joint US/UK multi-agency team in the planning and execution of major overseas submarine deployment and high profile demonstration of the UK's Nuclear Deterrent.

Performance management and Assurance of engineering and Nuclear Weapon safety standards.

Regulatory Compliance Manager for 'deployed' Nuclear Weapon Safety Management Arrangements.

Establishment and monitoring of Strategic Weapon System Training Policy.

- **Nuclear Operations & Targeting Centre - Officer-In-Charge**

Directorate for Chemical Biological Radiological & Nuclear Policy

April 2007 – August 2010 (3 years 5 months)

Management of the Nuclear Operations and Targeting Centre as senior Officer-In-Charge.

Responsible for the production and coordination of policy documentation and procedures.

Compliance with, and promotion/education to external authorities of, UK government nuclear deterrent policy.

- **FLEET Headquarters - Chief Staff Officer (Engineering)**

Royal Navy

September 2005 – April 2007 (1 year 8 months)

Management of Customer/Supplier Agreements with the Defence Equipment & Support and UK Naval Bases.

Risk Management

Customer/Supplier Performance management - Performance Indicators and reporting processes.

- **Weapons Engineer Officer - HMS VENGEANCE**

Royal Navy

January 2004 – September 2005 (1 year 9 months)

Head of Weapons/Strategic Weapons Engineering Department - 36 skilled/semi-skilled technical personnel.

Responsible for maximising the submarine weapon system availability and readiness to the Commanding Officer within a dynamic, stressful and time-critical operational environment.

Equipment including TRIDENT Nuclear/Strategic Weapon System, Torpedo, Communications and Sensor (Radar/Sonar) systems.

Corrective and preventive maintenance, Health & Safety of the workforce

Training, Staff Reporting and personal/professional development - Report writing, technical assessment and examinations.

https://www.linkedin.com/in/roger-burge-88b7a789?trk=seokp-title_posts_secondary_cluster_res_author_name

The Strategic Weapons Project Team, part of the UK Ministry of Defence, intends to award contract SWC/0076 to SAAB AB for continued support of the in-service Strategic Weapons Tactical Evaluation System (TES) equipment. It is considered that for technical reasons this contract can be placed using the Negotiated Procedure without prior publication pursuant to Article 28(1)(e) of Directive 2009/81/EC (Regulation 16(1)(a)(ii) of the UK Defence and Security Public Contracts Regulations 2011). SAAB AB is the only supplier that has the necessary technical knowledge and experience of the TES equipment which is required to deliver operational user support and equipment repairs. It is therefore considered that this contract may only be awarded to SAAB AB for technical reasons.

2013

<http://ted.europa.eu/udl?uri=TED:NOTICE:421852-2013:TEXT:EN:HTML>

The Strategic Weapons Project Team, part of the UK Ministry of Defence, intends to amend contract SWC/0001 with Lockheed Martin UK Strategic Systems Ltd to contract for an additional overhaul of the Strategic Weapon System element on a VANGUARD class submarine.

<http://england.unitedkingdom-tenders.co.uk/48437> Overhaul and refurbishment work The Strategic Weapons Project Team part of the UK Ministry of 2013 Bristol

Lockheed Martin UK Acquires Imes Strategic Support Limited

Purchase Strengthens Company's UK Strategic Weapons System Services Capabilities

BETHESDA, Md., April 30, 2009 - Lockheed Martin UK Limited (LMUK), a subsidiary of Lockheed Martin Corporation [NYSE: LMT], has acquired Imes Strategic Support Limited (ISSL), a subsidiary of the IMES Group, a privately held company based in Helensburgh, Scotland. Terms of the transaction, which will not have a material impact on the Corporation, are not being disclosed.

ISSL provides engineering, maintenance, repair, and support services for key sub-systems of the UK Royal Navy's Trident Strategic Weapons System programme at HM Naval Base Clyde in Scotland with additional activities within the Devonport Dockyard in Plymouth, the Defence Equipment and Support (DE&S) Headquarters at Abbey Wood, Bristol and the United Kingdom Software Facility. ISSL was recently awarded a new 10-year extension to provide these services, with an option for a further five- year extension.

<http://www.lockheedmartin.com/uk/news/press-releases/2009-press-releases/lmuk-issl.html>

- **CSSE's Programme Manager**
Chief Strategic System's Executive
June 2015 – Present (9 months)

Responsible for producing the tier zero (top level) programme for the current and Successor class SSBN fleet, monitoring and responding to technical and programme risks, combining the maintenance/upkeep and weapon system programmes and directing studies to review specific threats.

- **Military Liaison Officer**
High Court of Tynwald
December 2014 – Present (1 year 3 months) Isle of Man, United Kingdom

Liaison between the armed forces, who rotate in order to provide the guard and band for Tynwald Day, and the office of the Clerk of Tynwald. This role culminates in a ceremonial duty during the annual Promulgation of the Acts of Tynwald, the parliament of the Isle of Man. This is a purely voluntary role as a Manx resident and completely independent from my Royal Navy career.

- **Nuclear Capability Resource Programmer**
Finance Military Capability
February 2014 – June 2015 (1 year 5 months)

Working within a small mixed team of less than 15, comprising military, civil service and contractors who act as the customer for a c£4Bn per year portfolio of highly complex and interlinked programmes and projects that deliver the UK's military nuclear enterprise, submarine flotilla and independent nuclear deterrent. Primarily responsible for monitoring the portfolio level financial and programme performance, identifying areas of risk and opportunities, and, together with the delivery project teams and desk officers, developing programming options to maximise capability with the financial resource available.

- **Strategic Weapon System (SWS) Sea Trainer (ST71)**
Flag Officer Sea Training (FOST)
September 2013 – March 2014 (7 months)

Leading a small team of specialist Strategic Weapon System experts I delivered onboard training and assessment to SSBN crews, certifying them prior to deploying on operations to provide the UK's independent nuclear deterrent. Additionally responsible for overseeing the electrical damage control teams as they dealt with a variety of simulated defects and losses during submarine sea training periods. I also led teams to conduct both alerted and unalerted inspections of SSBNs during maintenance periods in order to provide assurance that nuclear weapon safety and security was being maintained through correct operation and maintenance of the weapon system and the ability of the Duty Watch to deal with a range of onboard incidents including fires and hydraulic bursts.

- **Trident Training Facility Head of Training (TTF HoT)**
Flag Officer Sea Training (FOST)
August 2012 – September 2013 (1 year 2 months)

In charge of a department of 30+ instructors and maintainers made up of military engineers and technicians trained in the Strategic Weapon System (SWS) with recent experience of operating the equipment at sea. Responsible for delivering all UK SWS instruction; teaching initial qualifications, system updates and also individual, team and unit training on both virtual and high fidelity simulators. I was also responsible for assessing and certifying crews to take/retain custody of nuclear weapons as part of the crew's qualification process. As project manager I was also tasked with introducing a civilian team of instructors to train contractors in order to increase the overall SWS SQEP in the wider submarine enterprise, utilising the military simulators and labs and tailored versions of the existing technical and operational qualifications.

- **Weapons Engineering Officer (WEO)**

HMS Vanguard

February 2010 – August 2012 (2 years 7 months)

Head of the weapons engineering department on an SSBN with a team of 40+ engineers and technicians responsible for maintaining and operating all internal and external communication systems, sonar, radar, torpedoes, networks, combat system, navigation equipment and the Strategic Weapon System. Whilst deployed, out of all contact with external agencies for months at a time and hence solely responsible for advising the Commanding Officer on the capabilities of these equipments and the impact of defects and repair options, not just on the current patrol but in terms of maintaining the UK's Continuous At Sea Deterrence. During maintenance periods responsible for ensuring explosive and nuclear weapons safety and security not compromised and that engineering standards and procedural compliance are maintained by both the ship's company and external contractors.

- **Strategic Weapon System Officers' Equipment Course (SWSOEC)**

Trident Training Facility (TTF)

October 2009 – February 2010 (5 months)

Training Course

- **Weapon Engineering Officer (Designate) Course**

Royal Navy Submarine School (RNSMS)

April 2009 – August 2009 (5 months)

Training Course

- **Nuclear Operations & Targeting Centre (NOTC) Operations Officer**

Chemical Biological Radiological Nuclear Policy (CBRN Pol)

July 2007 – April 2009 (1 year 10 months)

The UK lead for NATO nuclear exercises and responsible for lecturing on the capabilities and employment of the UK's submarine launched Trident missile on NATO nuclear courses. Also responsible for co-ordinating the production, distribution and implementation of highly sensitive national cryptography and for exercising its use.

- **Strategic Systems Integrated Project Team (StratSys IPT) Targeting Systems (TS5c)**

United Kingdom Software Facility (UKSF)

January 2005 – July 2007 (2 years 7 months)

Responsible for the reproduction and quality assurance of operating software and sensitive data for use on the fire control system of the UK's independent nuclear deterrent, also for trialling software updates and developing the required changes to the US supplied operational documentation. As the sole military Strategic Weapon System (SWS) specialist on site, acted as subject matter expert on the operational use of the SWS in support of post-patrol data and records analysis.

- **Strategic Missile Officer (SMO)**

HMS Vigilant

July 2002 – December 2004 (2 years 6 months)

Responsible to the Weapons Engineering Officer for running a sub-department of 20+ engineering technicians to conduct preventative and corrective maintenance, system monitoring (watch-keeping), test and evaluation and ultimately to be ready for

operation of the Strategic Weapon System, including the Trident missile, warheads and associated launch, navigation and support service systems. As a submarine control room watchkeeper, responsible for dived navigation and as a Ship Control Officer of the Watch for control of the submarine (buoyancy, steerage, propulsion, high pressure gas, hydraulic and electric supplies) and initial response to emergencies (fire, flood, electrical failure etc).

<https://uk.linkedin.com/in/cbland>

Name: Judi (Nuclear Weapons) Degree: Maths with Management I have carried out a number of really interesting and involved placements while on the scheme, the first in Systems Assessment, UK Software Facility here, I took on the role of performance and effectiveness assessment. This involved running models and analysing the outputs. This was a great chance to do a technical role rather than a project management oriented placement. There was also the opportunity to travel to the USA twice, once to the Applied Physics Laboratory in Maryland, and once to Cocoa Beach, Florida. I then moved onto the Strategic Programs Royal Navy, Washington DC and Naval Surface Warfare Centre, Dahlgren Division, Virginia. My task was to liaise with various US contractors in order to produce a generic joint US/UK software delivery schedule. **A lot of the software the UK use operationally is provided by the US**, and this placement was an excellent opportunity to see the differences between how the US and the UK operate. This was an amazing chance to work with many experts, and learn what they have to offer.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/365723/making_your_easa_choiceV2_1-U.pdf

CACI: N00178-04-D-4026/0009

Fleet Documentation - Provides operational documentation development and production support for the Strategic Weapons System (SWS) Fire Control System (FCS)(US and UK), Attack Weapon System (AWS) Launch Control System (LCS), and the **UK Software Facility**. Documents supported include Technical Manuals, Standard Operating Procedures, Corrective Maintenance Procedures, Fault Isolation Procedures, and Officer's Guides. Evaluates the necessity for documentation changes based on Operational Documentation meetings, Trouble and Failure Reports (TFRs), planned Maintenance System Feedback Reports (PMS FBRs), Corrective Action Reports (CARs), and SP23 Change Proposals (SCPs)/Strategic Systems Programs Alteration (SPALTs) approved by the SP23 Change Control Board (SCCB). Provides engineering and technical support for electronic documentation development, studies and special tests for new targeting initiatives and software revisions, and development and conduct of Operational Scenarios. Supports the development and validation of training Targeting Change Messages (TCMs) and training targeting data. Provides support for development of test cases and execution of integrated and developer system testing.

<http://www.rmweb.com/seaport/capabilities/CACI%20Chantilly%20VA%20Engineering%20Services%20Capabilities%20and%20Experience.pdf>

fbo:n0003013g0032wb38 Feb 8, 2014

The contractor (GDAIS) as the Shipboard Data System (SDS) Systems Integrator shall produce and deliver foundations to the UK Software Facility under a Field Change order (FCO) in support of SDS 304 and 305 commercial cabinet installations as part of SPALT 30339.

<http://www.dgmarket.com/tenders/np-notice.do?noticeId=10390326>

Initial UK TRIDENT II Operational Fire Control software in support of the UK TRIDENT Training Facility and Operational Support and Analysis software in support of the UK Software Facility were delivered.

NAVAL SURFACE WARFARE CENTER DAHLGREN, VIRGINIA 1991

Professional experience: John Stanley-Whyte OBE BSc MA MIET CEng RN

From: Washington Navy Yard, District Of Columbia

Professional title: SP50 - Head of Strategic Programs RN

List of positions, titles, companies, responsibilities, etc.

SP50 - Head of Strategic Programs RN - Royal Navy

Period: 2013-08-01 - 2014-07-15

(Government Agency; 10,001+ employees; Military industry)

Deputy Chief Strategic Systems Executive - DCSSE - Royal Navy

Period: 2010-09-01 - 2013-06-01

(Government Agency; 10,001+ employees; Military industry)

Future S/M Project Team SWS Integration Manager - Royal Navy

Period: 2006-12-01 - 2010-08-01

(Government Agency; 10,001+ employees; Military industry)

CSSE Operations/UK DASO Team Leader - Royal Navy

Period: 2005-02-01 - 2006-12-01

(Government Agency; 10,001+ employees; Military industry)

Deterrent Staff Officer to First Sea Lord - Royal Navy

Period: 2002-08-01 - 2005-02-01

(Government Agency; 10,001+ employees; Military industry)

Staff Officer Maritime/Secretary to NATO Naval Armaments Group - Royal Navy

Period: 1999-07-01 - 2002-08-01

(Government Agency; 10,001+ employees; Military industry)

Student ACSC 2 - Royal Navy

Period: 1998-09-01 - 1999-07-01

(Government Agency; 10,001+ employees; Military industry)

Deputy SWEO SM1 - Royal Navy

Period: 1996-04-01 - 1998-08-01

(Government Agency; 10,001+ employees; Military industry)

WEO HMS VANGUARD - Royal Navy

Period: 1993-04-01 - 1996-04-01

(Government Agency; 10,001+ employees; Military industry)

STWG TW3 - Head of Weapon Analysis - Royal Navy

Period: 1991-04-01 - 1992-09-01

(Government Agency; 10,001+ employees; Military industry)

PWEO HMS REVENGE - Royal Navy

Period: 1985-01-01 - 1986-11-01

(Government Agency; 10,001+ employees; Military industry)

<http://www.profiwiki.com/experience/eWRyV3JLckFk/Washington%2BNavy%2BYard%252C%2BDistrict%2BOf%2BColumbia/SP50%2B-%2BHead%2Bof%2BStrategic%2BPrograms%2BRN/John-Stanley-Whyte%2BOBE%2BSc%2BMA%2BMIET%2BCEng%2BRN>

The contractor shall modify the MK 98 MOD 5 FC (542) UKSF Fleet Documentation, to include FC SMGS 2.0 and FC Mod.7 (842) Fleet Documentation requirements and updates, to account for the new WSSRS equipment differences

Negotiations will be conducted with General Dynamics Advanced Information Systems (GDAIS),

March 2009N00030-09-G-0013X712

<http://contract-opportunities.insidegov.com/l/124033/Uk-Uksf-Updates-UK-ICD-N00030-09-G-0013X712>

Programme Manager Chief Strategic Systems Executive

MoD DES

September 2013 – July 2015 (1 year 11 months)

As Chief Strategic Systems Executive Programme Manager within Defence Equipment and Support (DES) responsible for all elements of nuclear programme in support of Continuous At Sea Deterrence by UK submarines. Developed and managed

relations with US in support of a Joint Programme under the auspices of the Polaris Sales Agreement. Provision of strategic systems engineering assessment and advice, briefing up to board level. Developed Successor SSBN submarine sea trials programme. Bronze Commander for government response to nuclear transport incidents.

<https://uk.linkedin.com/in/jasonreid536>