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of Defence

de&s

December 2016 Issue 102

desider

the magazine for defence equipment and support



**Type 26 missile deal and
steel cut announced**

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cover image



Pictured: A computer generated image of Sea Ceptor being launched

desider

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FOREWORD

By Tony Douglas, CEO

It is hard to believe that a year has passed since I was given the privilege of taking on the role of Chief Executive Officer at DE&S. In that time I continue to be immensely impressed by the dedication of staff who work tirelessly to deliver equipment and support to the Armed Forces.

I am delighted that our efforts were reflected at this year's Minister for Defence Procurement Acquisition Awards, where DE&S was very successful.

The Inventory Management Transformation Team won the Special Award for radical reforms to inventory management, delivering £2.5 billion of savings to the UK taxpayer.

The Ajax Programme Team were recognised for negotiating a significant contract amendment to the manufacturing contract and establishing savings in the region of £217 million, ensuring Armoured Vehicle Engineering expertise is retained within the UK.

Finally, the Multi Mission Aircraft Team earned praise for its role in securing Main Gate approval for the UK Maritime Patrol Aircraft Programme and enabling the closure of a critical capability gap.

This excellent news was enhanced by a number of important announcements.

The Defence Secretary, Sir Michael Fallon, announced that steel cut for the new Type 26 Global Combat Ships will take place next summer. This signals a growing confidence in the programme which should secure billions of pounds worth of investment in British shipbuilding, as well as hundreds of skilled jobs through to 2035.

The same day we announced DE&S had awarded a £100 million contract to MBDA to deliver the Sea Ceptor air defence missile system, a key defensive weapon which will be fitted to the Type 26.

And, just three days later, the F-35 Program Office selected the UK as a global repair hub. This will generate millions of pounds and support thousands of high tech jobs in North Wales, where components for hundreds of European-based F-35 aircraft will be serviced and maintained.

Elsewhere, I should mention Rear Admiral Henry Parker, who has retired from the Royal Navy after 34 years of service – shortly after being presented with the Long Service and Good Conduct medal.

However, while he has retired from the Armed Forces, I am delighted to say that Henry will remain in his post as Director Ships Acquisition at DE&S.

And I must recognise the efforts of those raising money for the Poppy Appeal at DE&S sites. At MOD Abbey Wood fundraisers set a target of £7,500 and more than £17,000 was raised. Well done.

All that remains to say, albeit a little early, is Merry Christmas and I look forward to us continuing the good work in the New Year.

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AVM Keith Bethell, Director Combat Air, talks to Desider about his career with DE&S, plans for leading a 'refreshed' Combat Air and priorities for the next 12 months



Picture: Paul Griffin

I've been in post as Director Combat Air since July. I joined the Royal Air Force (RAF) on my 18th birthday, 33 years ago, and my career throughout has been linked to combat air platforms, such as Tornado and Typhoon.

I've specialised within the RAF acquisitions stream since 1994 and have worked in DE&S or its predecessors on a number of different occasions. In 2005, I started on a Typhoon operational tour linked to DE&S and, apart from two years back with the RAF, I've been with DE&S ever since.

One of my proudest achievements at DE&S so far is the new contract for Typhoon support, Typhoon Total Availability eNterprise (TyTAN), which was signed in July 2016. It took four years to deliver and is a fundamental change to the way the whole force supports Typhoon. One of my key priorities now is the mobilisation of TyTAN; the first few years of this are key. TyTAN is probably the most difficult and challenging project I've been involved with, but I'm very proud of what we've achieved.

As Director Combat Air, I look after four delivery team areas: Fast Air Support Team (FAST), F-35 Lightning Team, Unmanned Air Systems (UAS) and the UK Military Flying Training System (UKMFTS). Through my four

years as Head of FAST (2012-16), I gained some understanding of the work across these broader Combat Air areas. Now I've been more involved in them, it's been fascinating!

Combat Air has a relatively new executive, with three of the four delivery team heads having been in post for less than four months. With this in mind, I recently took the executive on two days away to get to know each other better and refresh our joint Combat Air strategy. The strategy refresh will reflect the new direction that we're taking, our priorities and how we'll incorporate transformation.

Currently, we have around 700 staff with plans to grow this to 900. They are an incredibly capable, committed and dedicated bunch of people and it always amazes me how much they deliver, given all the constraints and issues they face on a daily basis.

One of our challenges is to make their life easier, to take away some of the stresses and pressures and get a better resource-to-task balance. I see a huge opportunity through the DE&S transformation programme to address these sorts of issues.

The move towards the functional model and the balanced matrix is a chance for us to give staff the right tools, techniques and time to do their job. It allows us to recognise people for the professionals they are, with opportunity to

develop individuals as subject matter experts with 'less breadth, more depth'. We're less than six months away from implementation and I can now see the end of our journey and the transformation starting to take effect.

The remainder of this journey will be a challenge, but one I'm really looking forward to making. As well as this, my priorities over the next year include the roll out of Project Centurion to the front line by 2018 and the growth of UKMFTS. The SDSR estimated a 36 per cent increase in demand for flying training. So even though we've only recently re-launched the programme, we now have the challenge to grow it!

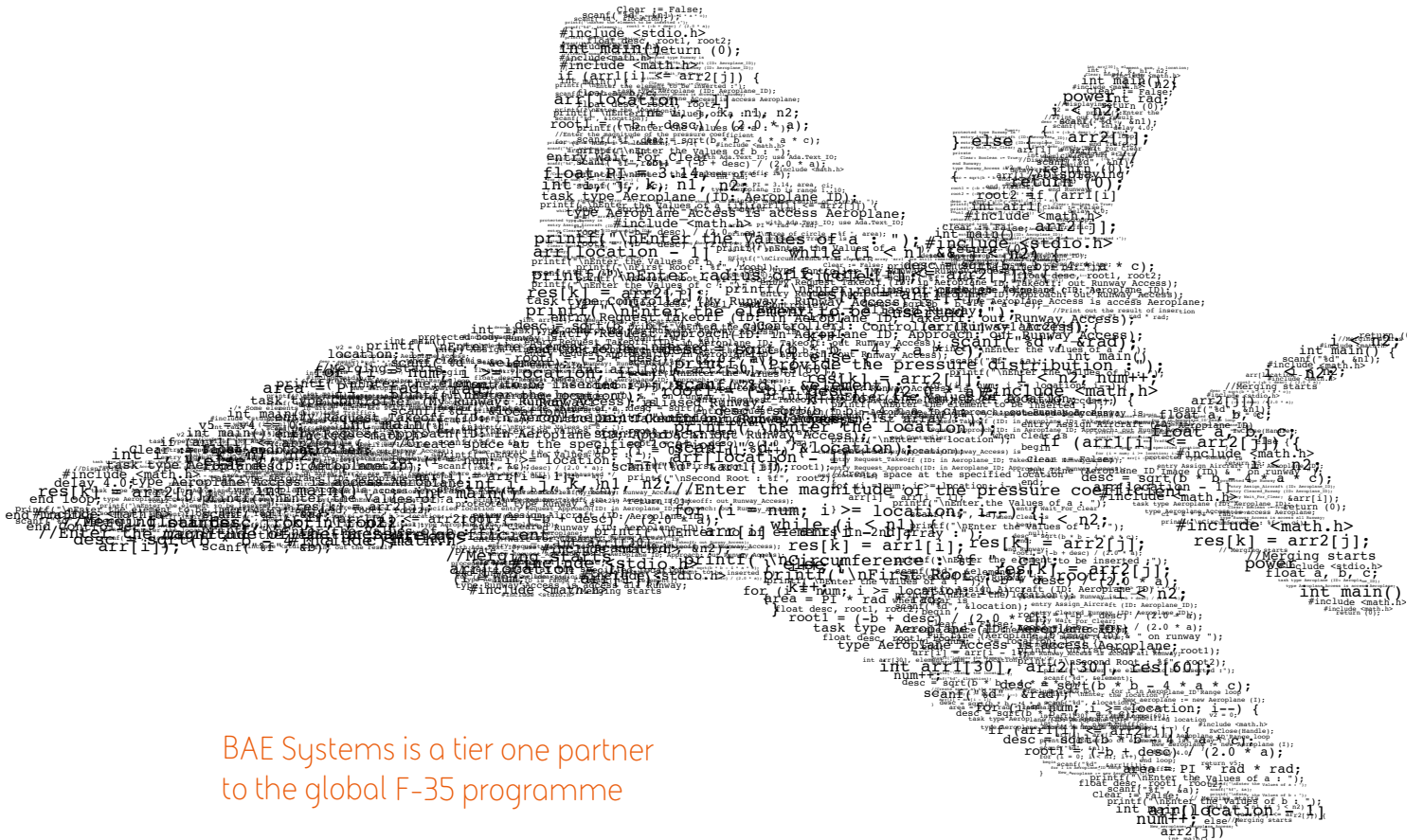
— “ —
They are an incredibly capable, committed and dedicated bunch of people

AVM Keith Bethell, Director Combat Air

— ” —

F-35 Lightning II.

The partnership that defines
innovation in aviation.



BAE Systems is a tier one partner
to the global F-35 programme

The F-35 Program Office has selected the UK as a global repair hub, providing maintenance, overhaul and upgrade services for F-35 avionics and aircraft components.

The decision will generate millions of pounds and support thousands of high tech jobs in North Wales, where components for hundreds of European-based F-35 aircraft will be serviced and maintained. Over its lifetime, the programme has a potential to unlock more than £2 billion of future F-35 support revenue.

The Defence Secretary, Michael Fallon, said: "This establishes Britain as a hub for all European F-35s and is hugely positive news for our high

tech and innovative defence industry. It is an endorsement of the skills and capabilities the UK offers; will help create hundreds of high-end jobs, safeguard thousands more and be a substantial boost to UK exports.

"Building on the strong foundations of Britain's pre-eminent and enduring defence partnership with the US, this decision supports British jobs and helps keep Britain safer and more secure."

The work will involve maintenance and repair of systems for the F-35 aircraft, including electronic and electrical components, fuel, mechanical and hydraulic systems, and ejection seats. It will be centred at the UK Government-owned Defence Electronics & Components Agency (DECA), based at MOD Sealand, in North East Wales. It will be undertaken by an innovative

partnership enterprise alongside BAE Systems and Northrop Grumman, supported by key F-35 Original Equipment Manufacturers.

DE&S Chief Executive Officer Tony Douglas said: "The UK's winning proposal, which will provide best value for money for the F-35 enterprise, is testament to the strength of both UK Government and our industry knowledge and expertise."

Geraint Spearing, Chief Executive of the Defence Electronics & Components Agency, added: "Securing this global repair hub at DECA in our 100th year at the Sealand site is a fitting way to celebrate our Centenary. Our involvement in the global support solution for F-35 will continue to develop DECA's cutting-edge capabilities, allowing targeted investment and growth in our infrastructure and people. This will continue our proud heritage of providing pivotal support to our Armed Forces for many years to come."

The new global avionics and aircraft component repair service is expected to be operational from early 2018.



UK chosen as a global repair hub for F-35

MLSP IOC Achieved - Ahead of Schedule



Leonardo Helicopters has completed delivery of 7 MLSP Phase 1 AW101 aircraft, in parallel with Sea King Mk4 OSD; sustaining the Royal Navy's critical amphibious capability.

Finmeccanica is now Leonardo - inspired by the vision, curiosity and creativity of the great master inventor - designing the technology of tomorrow.

NEWS IN BRIEF

ALARM – THE END OF AN ERA

The Air Launched Anti-Radar Missile (ALARM) has completed its Disposal phase with all missiles being safely disposed, marking the end of an era for the unique capability.

Previously carried by Tornado GR4 and designed to target Enemy Air Defence Systems, it was introduced during the Gulf War in 1990 and extensively used in Op Granby and Op Telic in Iraq.

The missile had been due for disposal in 2013 but Air Command had requested it be retained on a short term basis.

Disposal was completed in September.

Michaela Eatough, DE&S In-Service Manager for ALARM, said: “From the start, the Supply Chain and Commercial members of the Lightweight and Medium Attack Systems (LMAS) Project Team worked hard to ensure prompt contracting and safe disposal of the missiles and associated equipment within just a few months. This has allowed the team to achieve significant savings for DE&S.”



NEXT GENERATION DELIVERY



The first pair of Grob ‘Prefect’ next generation aircraft, which will train newly recruited military pilots, have landed in the UK.

The aircraft flew into the home of Elementary Flying Training, RAF College Cranwell, then continued on to RAF Barkston Heath. They will now undergo some modification before they begin providing the first stage flying training to Royal Navy, British Army and Royal Air Force pilots.

The aircraft are being delivered by Affinity through the MOD’s £1.1 billion contract with Ascent Flight Training to deliver the Fixed Wing element of the UK Military Flying Training System (UKMFTS).

The Prefect aircraft, which have turbo prop engines, fully digital cockpits and retractable undercarriage, will be used to prepare the next generation of military student pilots for front line operations.

CHILCOT REPORT ROADSHOW VISITS MOD ABBEY WOOD



Roger Hutton, Head of the Ministry of Defence’s (MOD) Chilcot Team, visited Abbey Wood last month to share the findings of the Chilcot Report with DE&S staff.

Sir John Chilcot’s Iraq Inquiry was conducted over the course of seven years. Its purpose was to identify what lessons could be learnt from UK involvement in Iraq between 2001 and 2009.

Last July, he published his findings in the Iraq Inquiry Report (commonly known as the Chilcot Report).

Within the MOD, the Chilcot Team was formed prior to its publication and analysed

every line of the 2.6 million word document to identify its observations and conclusions.

The team is now touring MOD sites to host Roadshow events to engage staff in a conversation about the report.

On November 9, staff at Abbey Wood heard about the approach being taken to address the findings and were asked for their thoughts on how the MOD and DE&S could improve further.

The team welcome feedback post-event at djep-chilcotimplementation@mod.uk

MINISTER VISIT

Minister for Defence Procurement Harriett Baldwin paid her first visit to Her Majesty's Naval Base (HMNB) Clyde last month.

Mrs Baldwin, who took over the ministerial role in July, met with personnel from the Royal Navy's submarine flotilla, was given a tour of one of the Vanguard class submarines and saw the waterfront engineering support.

HMNB Clyde is benefitting from more than £500 million of investment which is being spent

on the ship lift, sea walls, jetties and other major projects.

Mrs Baldwin said: "Scotland has long been central to the success of our Armed Forces and the investment we are making at Faslane is crucial to maintaining that and will make a huge contribution to the local economy, bringing vital job security to our people and their families."



AJAX ON SHOW

An Ajax – one of the British Army's next generation of armoured vehicles – was displayed at the Royal Military Academy Sandhurst as part of this year's Combat Conference.

The conference, attended by more than 400 officers last month, considered Strike Brigade Manoeuvre across all Defence

Lines of Development (DLODs), including looking at the new fleets of armoured vehicles that will enable Strike.

Sandhurst cadets and Household Cavalry Regiment (HCR) viewed Ajax between lectures.



SECURE PLATFORM LAUNCHED

A new platform providing an innovative approach to how sensitive information is shared with DE&S' Defence industrial partners has been unveiled.

Earlier this year the new ListXtranet was formally launched by Nick Elliot, DE&S Director General Commercial and Tracy Andrew, the Chairman of Defence Industry Security

Association (DISA).

ListXtranet, delivered by the DE&S Principal Security Advisor's Office, provides access to a wide range of security policy, threat information and time-sensitive announcements, ensuring the organisation's delivery partners have access to up-to-date security information they need, in order to provide

adequate protection to Defence assets and intellectual property.

Hosted on the Defence Share platform, ListXtranet, provided by In-Service Support (ISS) under the G-Cloud framework, also represents an unprecedented step forward in the way that DE&S Security Specialists communicate Official Sensitive information to the supply chain.

Richard Medland, DE&S Principal Security Advisor, said: "The platform represents a step change in capability and significantly extends our reach, particularly within the small and medium-sized enterprise community."

CEO OPENING

DE&S CEO Tony Douglas opened a new Customer Innovation Suite at Rolls-Royce in Filton.

Chris Cholerton, President Rolls-Royce Defence Aerospace, introduced Rolls-Royce's £100 million of partnered investment with Microsoft in Cloud technology.

Using the technology, the 'Aeroagility' model provides

Rolls-Royce with the ability to furnish their service delivery centres with data dashboards, improved asset management models and intuitive data mining tools to provide optimised maintenance.

In opening the facility, Tony commended Rolls-Royce on their innovative approach to improved asset management and customer engagement.



The Defence Secretary, Michael Fallon, has announced the steel cut for the new Type 26 Global Combat Ships will be in summer 2017, subject to final contract negotiations.

This is an important step towards securing billions of pounds worth of investment in British shipbuilding on the Clyde, securing hundreds of skilled jobs through to 2035 and further building on the £1.9 billion invested to date in the programme.

In a visit to Govan, in Glasgow, Michael Fallon outlined the Government's commitment to the programme, as set out in the 2015 Strategic Defence and Security Review (SDSR), which will see the build of eight anti-submarine Type 26 Global Combat Ships.

He said: "Backed by Britain's rising Defence budget, the Type 26 Programme will deliver a new generation of cutting-edge warships for our Royal Navy at best value for taxpayers. The UK Government's commitment today will secure hundreds of high-skilled shipbuilding jobs on the Clyde for at least two decades and hundreds more in the supply chain across Britain."

The announcement was very welcome news all through Defence.

Mike Holstead, DE&S Ships Acquisition Type 26 and Offshore Patrol Vessel Head,

said: "The Secretary of State's announcement confirming the summer 2017 cut steel date for the Type 26 Global Combat Ship programme is hugely significant and signals growing confidence in the project. It provides certainty for my team in Ships Acquisition, the wider DE&S equipment teams and throughout the whole of the Type 26 supply chain.

"This is also great news for the Type 26 Global Combat Ship export campaign, as it conveys how serious the UK is about moving into the manufacturing phase next summer. A considerable amount of hard work from the whole team across Navy Command, DE&S, MOD, other government departments, BAE Systems and their suppliers has made this possible. There is lots to do between now and next summer and I remain confident we will deliver this important milestone."

Rear Admiral Chris Gardner, Assistant Chief of Naval Staff (Ships) and the Senior Responsible Owner for Type 26 in Navy Command, added: "This is yet further commitment to this key programme for the Royal Navy and is testament to the hard work that has been undertaken in Navy Command, DE&S and by BAE to build confidence in our readiness to proceed.

"There is still a lot of work to do in the

coming months to get to the point where we can contract for the manufacture of the first batch of ships, but this added impetus is welcome and I have every confidence that we will be up to the task."

In the past month, the investment in the programme has also been demonstrated by two further contracts to support the equipment on board the future Type 26 Global Combat Ships: a £100 million deal with MBDA will deliver the Sea Ceptor self-defence missile system, while a £183 million contract with the Maritime Indirect Fires System (MIFS) will provide the 5-inch Medium Calibre Gun (MCG).

The Defence Secretary also announced plans to sign a contract shortly to start the build of the two additional Offshore Patrol Vessels pledged in the SDSR, both of which will be delivered in 2019, protecting jobs on the Clyde before the start of the Type 26 programme gets fully under way.

Read more on the Sea Ceptor contract on page 17



announced f



Above: Rolls-Royce oversee tests on the Type 26 MT300 gas turbine engine last February



Above: Defence Secretary, Michael Fallon at Govan shipyard last month, where he announced the steel cut for the Type 26

Type 26 steel cut for summer 2017

Henry Parker retires from the Royal Navy

Above: Chief of Materiel (Fleet) Vice Admiral Simon Lister (left) and Henry Parker (right) with the medal



Picture: Charlie Perham

Henry Parker, DE&S Director Ships Acquisition, has retired from the Royal Navy after almost 34 years of valued service.

Shortly before his retirement last month, Mr Parker, who was a serving Rear Admiral, was presented with the Long Service and Good Conduct medal by Chief of Materiel (Fleet) Vice Admiral Simon Lister.

After his retirement, Mr Parker transferred with immediate effect into the Civil Service, where he will remain in his post as DE&S Director Ships Acquisition.

Mr Parker told *Desider*: "Last month's Long Service and Good Conduct medal presentation was an emotional moment for me, coming as it did on my last day of uniformed service. I could not think of a better way of bringing to a close almost 34 years in the Royal Navy, and I was delighted that this milestone was commemorated in this way.

"I would like to offer my sincere thanks

to VAdm Lister for his kind words and pay tribute to my team for their continued hard work in bringing several new classes of ship into front line service with the Royal Navy. I feel very fortunate to have won the open competition to retain the Director Ships Acquisition position and look forward to continuing this important work in my new Civil Service role."

Mr Parker joined the Royal Navy in 1983 and subsequently studied Engineering at Cambridge University before specialising as a Submarine Weapon Engineering Officer.

His seagoing complement billets include the submarines HMS Spartan and HMS Upholder, as well as the aircraft carrier HMS Invincible.

But his core expertise was in acquisition and, in this role, he has had numerous successes, most notably with the Astute and Successor submarine programmes, the first of which he was directly responsible for delivering into operational service as MOD Project Director.

More widely, he has been employed as the Assistant Naval Attaché Washington DC, as well as in the Outer Offices of the 2* Chief Executive of the Ships Support Agency and the 4* Chief of Defence Staff.

His efforts were further recognised in 2016 when he was appointed Companion of the Order of the Bath (CB) in the Queen's Birthday Honours List.

The presentation, at Abbey Wood last month, of the Long Service and Good Conduct Medal and Clasp (LSGC) – one of the oldest medals still being issued today – was fitting and noteworthy.

Only since October 1 this year did the Queen extend the award, which has been presented to worthy personnel since 1831, so it included the officer cadre.

The medal is awarded to personnel who have completed 15 year's eligible service; the additional clasp signifies a further 10 years of service.

LTPA

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Herrick Exchange Programme enjoys timely success

A joint DE&S and British Army project to inspect, repair and deliver more than 3,000 vehicles and pieces of major equipment back to service following their return from operations in Afghanistan has been completed almost a month early.

The Herrick Exchange Programme, enabled through an innovative £900 million contract with Babcock, saw specialist staff at the company's Warminster facility certify 673 Protected Mobile vehicles – including Mastiff, Wolfhound, Ridgeback, Husky, Jackal, Coyote and Foxhound – fit for service and return them to the British Army.

The project was due to finish in October, but the challenge of processing all the pieces of equipment, which includes vehicles as well as weapons and electronic systems, was completed more than three weeks ahead of schedule.

The vehicles and equipment will be used to support future British Army operations, including training and exercises.

DE&S Land Equipment Service Manager, Colonel Stephen Heron, said: “These highly capable vehicles have been quickly and effectively repurposed for the next phase of their operational lives.

“That this major project was completed nearly a month ahead of schedule clearly demonstrates how DE&S, the British Army and industry work smartly together for the benefit of the UK's Armed Forces.”

Operation Herrick, the codename for the UK's combat operations in Afghanistan, came to an end in 2014.

On average, each piece of equipment took 160 hours to inspect, repair and release back to service.

The British Army's Head of Equipment, Brigadier Colin McClean, said: “In 2012, I was in Afghanistan helping to keep these platforms in the hands of the user. It is hugely rewarding to see their successful return from theatre and once again be available to our soldiers as part of our contingent forces.

“It has been a true team effort and I congratulate everyone who has contributed to this sizable task”

The work was carried out as part of the Land Equipment Service Provision and Transformation Contract, a ten-year agreement to deliver and transform the support and maintenance of British Army vehicles and equipment, which the Ministry of Defence awarded to Babcock in April 2015.

— “ —

This major project was completed nearly a month ahead of schedule

DE&S Land Equipment Service Manager, Colonel Stephen Heron

— ” —





Sea Ceptor Type 26 contract award

DE&S has awarded a £100 million contract to MBDA to deliver the Sea Ceptor air defence missile system, a key defensive weapon which will be fitted to the new Type 26 Global Combat Ships.

Thanks to innovations in radar and datalink technology, Sea Ceptor will have pinpoint accuracy, providing the Royal Navy with a shield against airborne threats, such as the new generation of supersonic anti-ship missiles, fast jets, helicopters and unmanned aerial vehicles.

The system offers significant improvements over previous air defence systems, such as Sea Wolf, and it is able to engage multiple targets more effectively at a longer range.

The missiles are also planned for use on the current fleet of Type 23 frigates. Three vessels are currently being fitted with the system to allow sea trials throughout 2017. Sea Ceptor is due to enter service on Type 26, which will replace Type 23, in the mid-2020s.

DE&S Chief Executive Officer Tony Douglas said: "Sea Ceptor is the future of air defence for the Royal Navy, and it is fantastic that DE&S and the MOD have led from the front in its development, working with industry to

provide the UK's Armed Forces with world-leading kit."

The new Demonstration and Manufacture phase contract will sustain around 85 jobs, including 55 at MBDA's sites in Bristol, Stevenage and Lostock and 30 across the UK supply chain.

Minister for Defence Procurement Harriett Baldwin added: "Sea Ceptor will ensure the Royal Navy's Type 26 Global Combat Ships are protected as they, in turn, protect the UK and her interests, keeping our nuclear deterrent submarines and the UK's two new Queen Elizabeth Class aircraft carriers safe on operations around the globe.

"Supported by our rising Defence budget and our £178 billion equipment fund, Sea Ceptor is yet another example of how the MOD is investing in cutting-edge kit to help our Armed Forces meet future threats."

— “ —
 Sea Ceptor is the future of air defence for the Royal Navy, and it is fantastic that DE&S and the MOD have led from the front in its development

DE&S Chief Executive Officer Tony Douglas

— ” —



Pictured: The DE&S Inventory Management Transformation team scooped the Special Award

DE&S triumph at Min D

DE&S enjoyed enormous success at the latest Minister (Defence Procurement) Acquisition Awards in London.

Now in its fourteenth year, the awards recognise teams from across Defence in all aspects of the acquisition process for their exceptional performance, effort and commitment.

Minister for Defence Procurement Harriett Baldwin presented the Acquisition Awards at a ceremony in MOD Main Building on November 15.

The DE&S Inventory Management Transformation team scooped the Special Award for radical reforms to inventory management.

The team resolved longstanding deficiencies in training, logistics and accounting policy, introduced financial incentives and IT systems, while at the same time delivering £2.5 billion of savings to the UK taxpayer.

Team leader Colonel Colin Francis said: "I am extremely proud that the team has been recognised for the work completed as part of the Inventory Management Programme. The results of our work speak for themselves and will have a lasting effect on Defence."

General Paul Jaques, Chief of Materiel (Land), added: "Consisting of a mix of civil servants, military staff and external support, the team undertook a radical transformation of existing processes and implemented a more effective system for the control, purchasing and disposal of items.

"Over the course of three years, the team has achieved a fundamental reduction in the size of the inventory, improved practices within DE&S resulting in £2.5 billion worth of savings to taxpayers. This award recognises this significant achievement and the efforts of all those involved. I am incredibly proud of them."

Elsewhere, the Ajax Programme Team were recognised for negotiating a significant amendment to the manufacturing contract, providing an excellent support solution for this Specialist Armoured Fighting Vehicle capability.

The team established significant savings, in the region of £217 million, and extended the initial in-service period of the contract from two to seven years. Their success will ensure Armoured Vehicle Engineering

expertise is retained within the UK, creating an opportunity of additional jobs and providing benefit to the economy.

David Penlington, Team Leader for the Ajax Programme Team said: "I am delighted that Min DP has recognised the efforts of my team to negotiate value for money in the support arrangements for Ajax."

There was more good news for DE&S with the Multi Mission Aircraft (MMA) team earning praise for its role in securing Main Gate approval for the P8 Poseidon Aircraft Programme and enabling the closure of a critical capability gap.

DE&S' efforts alongside Joint Forces Command, Air Command and the Defence Science and Technology Laboratory (Dstl) were recognised as an exemplar of innovative working across MOD, which delivered a demanding and urgently required Initial Operating Capability four years earlier than other conventional means, demonstrating outstanding drive and determination.

Congratulating all winning teams, Minister Harriett Baldwin said: "It's a pleasure to be here to reflect on the



Pictured: Top- Inventory Management, Below-all winners

The other winners

Ballistic Missile Defence At Sea Demonstration 2015 – Navy Command

The team delivered an international Ballistic Missile Defence Demonstration using the UK Hebrides ranges. This was the most demanding maritime live firing missile trial within corporate memory which established a previously unimagined level of technical enterprise between 10 Maritime Theatre Missile Defence Forum nations.

Corrosion Control and Husbandry Section (1710 Naval Air Squadron)— Navy Command

The team won the new 'Innovation of the Year' Award for their work on Ebola decontamination and contribution to the global understanding of biological security.

Their tests identified that the commonly used aircraft cleaning solution was the most effective at destroying the virus while carrying no risk to the aircraft.

Future Military Satellite Comms PT – Defence Science and Technology Laboratory (Dstl)

The team delivered critical Military Satellite Communications research

and development to ensure cutting edge capability for future UK MOD. The team's achievement will allow the MOD to have space-based communications capability for around 15 years without the constant need for physical upgrades.

Paveway 4 Tactical Penetrator – Dstl

The team's remit was to design and mature a variant of the Paveway laser guided bomb. Through the rapid progress of innovative technology and careful management of its transition, the team was able to develop the Tactical Penetrator from the initial inception to an established Equipment Programme within five years.

Pay 16 Delivery Team – Defence Business Services (DBS)

The team won the Recognition of Achievement Award for responding to a requirement to provide a simpler and more efficient pay model. By taking an innovative approach to delivery, the team was able to implement key changes to the structure without any issues and within budget.

P Awards

success stories of Defence Procurement and Support. It's always a privilege to meet those of you who work day in, day out to ensure our Armed Forces get the world-class kit they deserve, when they need it.

"I want to thank you all for your hard work and dedication to a complex and demanding task and congratulate you on being chosen from a large and impressive field of nominees. There were 34 nominations this year – the most we've ever had. The competition was tough, so well done!"

— “ —

I am extremely proud that the team has been recognised for the work completed as part of the Inventory Management Programme

Colonel Colin Francis

— ” —



Above: Ajax management team

Merlin Mk4 takes maiden flight

With the first flight of a Merlin Mk4, the Merlin Life Sustainment Programme (MLSP) has achieved another significant milestone on its way to deliver the important capability to the Commando Helicopter Force.

On an overcast and wet late afternoon on October 24, ZJ122 – ‘The Grey Knight’ – took to the air for the first time. This is the first of type which now enters a significant flight test and qualification programme, aiming to deliver capability with the required clearances in early 2018.

This is the latest achievement for MLSP which began in earnest with an Assessment Phase in 2012, leading to full project approval in December 2013.

The programme comprises two distinct phases and covers 25 Merlin aircraft, 19 Mk3 and 6 Mk4a.

The endorsed requirements cover obsolescence removal, upgrade and ship optimisation of the former RAF operated assets to provide the capability required by the Commando Helicopter Force (CHF).

To meet the CHF Sea King aircraft retirement at the end of March 2016, the first phase of MLSP involved the modification of seven Mk3 aircraft with limited capability to operate from ships.

Fitting of a folding main rotor head, modification to the undercarriage, inclusion of a new radio and fast roping beam all formed part of this interim package.

An I-Band transponder has also been fitted, which provides an effective means of locating, identifying and providing navigational assistance outside normal radar coverage and range.

These seven aircraft, along with an expanded Release to Service (RTS), were delivered six months early against an accelerated programme.

The aircraft are now fulfilling their required role and enabling the CHF to build up its force in readiness for delivery of the Mk4. The seven aircraft will be returned into the programme to be converted to the full Mk4 configuration towards the end of the project.

Phase two of the programme, which started at the same time as, and ran in parallel to, phase one, consists of a folding main rotor and tail, full avionics upgrade and the provision of a tactical computer.

All 25 current Mk3 and 3a aircraft will undergo the full suite of modifications and will appear on the military register as two new aircraft Mk4s; namely Mk4 and Mk4a.

Royal Navy Captain Kieran O’Brien, Merlin Helicopter Team Leader, said: “This is a great day and a most significant achievement in the Merlin Life Sustainment Programme.

“The conversion of the Mk3/3a Merlin to Mk4/4a has been a real success story so far against demanding timelines and this first flight is excellent news for our Royal Navy ‘Junglie’ customers.

“The work that goes into preparing for the first flight of a new mark of aircraft is never trivial and this milestone is only made possible due to an excellent team effort led by DE&S and Leonardo Helicopters.”

Steve Withenshaw, DE&S MLSP Programme Manager, added: “The team can be proud of what we have achieved; they understand what success looks like and are committed to its delivery. When I witnessed the first flight of the Merlin Mk4, it was one of the proudest moments of my 42 year-plus in the MOD.”

CHF Commanding Officer, Colonel Lenny Brown, who is based at RNAS Yeovilton, witnessed the first flight.

“What a fantastic achievement for Leonardo, the Merlin Project Team and all those involved at CHF”, he said.

“CHF has been deployed on intervention operations for a continuous 21 years and seven months in the last 30 years – quite a legacy. The Merlin Mk4 is truly a leap forward in CHF’s capability to support 3 Commando Brigade Royal Marines at the speed and range required on the modern battlefield over strategic distances, whether operating from Royal Navy ships or a land environment; the legacy is now set to continue.”

A further flying trial will take place later this year and a third in spring 2017.



Above: ‘The Grey Knight’ Merlin Mk4 takes to the air for the first time



Defence Simulation and Modelling

MSc | PgDip | PgCert

The Defence Academy and Cranfield University are pleased to confirm MOD funding for the Defence Simulation and Modelling (DSM) MSc courses starting in January 2017 and September 2017.

The course has been identified by the MilCap Board as providing suitably qualified and experienced personnel (SQEP) to coordinate simulation efforts across defence.

The Defence Simulation and Modelling MSc course provides comprehensive defence specific coverage of the domain and subsequent application of Modelling and Simulation across defence training and education, acquisition, analysis and

experimentation. It provides an in-depth understanding of the main principles of the hardware and software, including the underlying technologies and architectures used in creating a synthetic battlespace to support defence activities.

The course can be studied full-time (1 year) or part-time (up to 5 years) using a blended mix of residential and distance e-Learning, classroom, seminar and hands-on practical sessions. The course is modular in nature enabling students to select the course of study most appropriate to their particular requirements and interests.

A limited number of FREE MOD places are available.

Cranfield Defence and Security,
Defence Academy of the United Kingdom,
Shrivenham, Swindon SN6 8LA

E: enquiries@cranfield.ac.uk T +44(0)1793 785810

www.cranfield.ac.uk

'Preparation is key' would be a fitting mantra for the NATO Submarine Rescue team.

In the past eight years they have undertaken rigorous rescue training with 23 different submarines in 11 different countries, ensuring that all elements of the NATO Submarine Rescue System (NSRS) are up to scratch and ready to be deployed at a moment's notice.

After all, when it comes to saving lives, every second counts, and while the NSRS has not yet had to undertake a genuine submarine rescue, anyone who does find themselves stranded at the bottom of the ocean are wholly reliant on the system coming to their aid.

NSRS consists of three parts. In layman's terms the Intervention Remotely Operated Vehicle (IROV), which is also known as the intervention suite, is dispatched at speed and will prepare the submarine for rescue. The Submarine Rescue Vehicle (SRV) arrives soon after and attaches to the escape hatch to allow submariners to climb aboard, and the Transfer Under Pressure (TUP) system — the only one of these systems available in the world — is on



Above: The Submarine Rescue Vehicle (SRV)
Below: The SRV submerged in water

board the waiting ship to treat those rescued if needed.

Commander Ian Duncan, works out of MOD Abbey Wood, from where he manages the project on behalf of the three member

nations — the United Kingdom, France and Norway.

While these three nations share the cost of running this elite system, in reality, many other nations rely on its help. A Memorandum of Understanding (MOU) with the USA and Sweden means the unit will automatically mobilise, while to do so in any other country requires arrangement and political agreement.

"Because they can be transported by plane, it means we can go anywhere in the world", Ian said.

"The equipment needed to deploy the platforms is portable and essentially like Lego, meaning all we need is a big flat deck. We have identified around 700 ships around the world that are suitable.

"We then have the ability to rescue 150 submariners, which is what you might expect to find on a Vanguard Class submarine."



Always at the ready



Above: Commander Ian Duncan

As stated beforehand, time is of the essence when it comes to submarine rescue and, in terms of command and control, it is Ian's job to get things moving.

"There is a building in Faslane where the systems are maintained and operated. Within a few hours we could have 25 trucks leaving Faslane and taking the capability wherever it needs to go.

"My team work closely with Defence Supply Chain Operations and Movements (DSCOM) to sort out aeroplanes to transport the systems and we use DE&S Commercially Supported Shipping within Director Ships Support (DSS) to charter the vessels we need to deploy the systems from."

Ian added: "Time is your enemy with submarine rescue and these systems are of course designed to rescue people before they perish.

"Submarines carry enough food and supplies to keep those on board alive for seven days — our target is to get the first person out of there within 72 hours. That involves mobilising the equipment, flying it

or transporting it to the location, getting it on board the ship and making our way to the scene.

"Before you start a rescue you have to locate the submarine (found by GPS and/or distress beacon), prepare it for rescue and that is the purpose of the intervention suite.

"The IROV is a very agile bit of equipment that we can get to the scene within 56 hours. The IROV has robotic arms, cutting tools, cameras and communication devices. Additionally it can deliver Emergency Life Support Stores (ELSS) which include things like additional oxygen, food and medical supplies to the stranded submariners.

"It can clear debris that may be fouling the escape hatches and communicate with the submarine. It is vital in preparing the submarine for the main rescue.

"As it is remotely controlled it can stay down there on task indefinitely. You can just change the pilot — it's a big advantage.

"Once the submarine has been made ready, the Submarine Rescue Vehicle goes down and attaches to the escape hatch for submariners to climb on board. It can take up to 12 submariners at a time with an aim of a six-hour cycle between leaving the ship and heading back down again.

"Once on board, if there have been no decompression issues, they can literally get out, otherwise it connects to the hyperbaric (decompression) chambers and they transfer into there. In worst case scenarios they could be in there for a week.

"I'm very proud of what we do here and that we are unique in DE&S, as we both procure and operate the capability."



As the NATO Submarine Rescue System is prepared for its next training mission in Norway early next year, Desider heard more about the DE&S Submarine Rescue team

Powering the backbone of the Royal Navy

The Type 23 frigate has been described as forming the backbone of the Royal Navy surface flotilla, available worldwide to meet UK objectives. A DE&S project to ensure that remains the case for the future is making significant progress

A successful summer of equipment testing has significantly de-risked delivery of the first Power Generation system update for the Type 23 next year.

The Power Generation and Machinery Control and Surveillance Update (PGMU) project team have worked closely with industry suppliers to complete a number of factory acceptance and integration tests. Conducted in facilities in both Germany and Austria, these tests were intended to confirm that the new diesel and motor generators that are at the heart of the system meet their technical specifications and work both separately and together.

The Type 23 frigates will form the majority of the Navy's escort ships until replaced by the Type 26. Originally designed to combat the Soviet submarine threat in the North Atlantic, they have since been adapted and proven their versatility by undertaking virtually every mission imaginable — projecting power and presence across the globe.

A decision in 2010, confirmed by the 2015 Strategic Defence and Security Review (SDSR), was that the frigates would undergo a life extension programme to enable the ships to remain capable and available parts of the future fleet. One part of that programme

is meeting the requirement for additional electrical power onboard to safely support the other new equipment that will be installed before the revised final out-of-service date.

The need resulted in a joint project team of military, civil service and embedded expertise from industry being formed in 2012 by the Warship Support unit of the Ships Operating Centre. Currently led by Commander Dave Jones RN, the PGMU team are working closely with industry to deliver a system that will not only re-power the upgraded ships, but also benefit the Royal Navy by reducing the maintenance burden and through-life costs. Within the power system, the major equipment elements are new Diesel Generator and Motor Generator (MG) sets, as well as significant updates and technical refreshes of both the switchboards and Machinery Controls & Surveillance (MCAS) system.

Following Main Gate approval in February 2015, contracts were let with MTU, Hitzinger and Rolls-Royce respectively to acquire and support these.

Captain Jeremy Bailey, Warship Support Frigates team leader, said: “PGMU represents a key project in sustaining Type 23 platforms to their out-of-service date. Completion of the summer of testing has produced the physical data that confirms the predicted performance of the upgraded Type 23 power system — a key outcome that assures all the hard work done to date and builds confidence in the wider community about the technical solution. This has been a clear success for the team and their supporting suppliers and they remain on track to begin the first installation in late 2017”.

Commander Jones said: “Having to fit the new or updated equipment within the existing structural and compartment constraints, as well as ensuring that the new equipment integrates with legacy ship's services and systems, has posed significant engineering challenges to the team.

“The solution will update and change parts of the Type 23 that have not been significantly altered since entering service in 1989. So far, however, significant progress has been made in overcoming these challenges, and results have been good.”

Further tests and trials are planned before installation begins in HMS Richmond in the autumn of 2017.

Pictured: Type 23 HMS Kent sails from the Firth of Forth



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On diversity, equal opportunities and tennis competitions

Ann Underwood is Head of Equipment Plan Finance and since June also multitasks as Race Champion, taking time to help the organisation reflect the realities of a diverse society and offer equal opportunities for all staff

What does your role involve?

As Head of Equipment Plan Finance, I am mainly responsible for the financial processes and forecasts relating to the Equipment Programme (not the Bespoke Trading Entity's operating budget). In addition, all the consolidated reporting against the Key Performance Indicators (KPIs) comes through my team. I have four teams providing the lead for In Year Management, longer term forecasting (planning), corporate performance and risk and approvals support.

Overview of your career?

I joined the Civil Service through the graduate recruitment scheme as an Executive Officer and spent the first ten years in the Vehicle Inspectorate and the Planning Inspectorate. I joined each just a few months before they became Executive Agencies and were about to undertake a fundamental change moving from cash to commercial accounting. Having completed my accountancy training, I joined the Procurement Executive (PE) in 1997, at the time Resource Accounting and Budgeting was being introduced in the Ministry of Defence (MOD). I have held a number of management and financial accounting roles in the Defence Procurement Agency (DPA) and DE&S, although at one point I stepped out of finance to work in the DPA's corporate reporting team.

What do you most enjoy about your job?

Everything! I've pretty much enjoyed every job I've ever had, particularly in the MOD, but this one is a real challenge. Everything the team does is core to supporting DE&S in its delivery of equipment to the front lines, and all the information we provide impacts Defence decision making. As part of the DE&S senior finance leadership, I have the opportunity to work with my colleagues to develop the new ways of working for the Finance and Accounting function and have been leading on a number of change initiatives. A lot of the enjoyment I get from this is the people who make it all happen.

I have a great team who came together last year from three separate DG Resources areas and we have been working hard, and having some fun, to establish ourselves as a coherent whole.

You have been Race Champion since June. Why did you decide to take on the role?

I had been attending the Diversity Steering Group meetings as the diversity representative for DG Resources and had on occasions offered my views on various things, especially on recruitment and outreach, so the Diversity and Inclusion Lead, Lee Silver, approached me. I must admit I was a bit surprised and concerned that I wouldn't have the time. However, I believe passionately that everyone should have the same opportunities, regardless of their background, and that as an organisation we can only benefit from having a workforce that is truly reflective of the society we operate within. Clearly, we have a long way to go in terms of representation of ethnic minorities and I want to do everything I can to encourage equality and break down any barriers that may consciously or unconsciously exist. It is our job as leaders to make sure everyone feels valued in order for them to perform to the best of their ability.

During your career, who inspired you the most?

I don't think I went through my early career thinking that someone particularly inspired me. However, I've always got on better where I've been able to respect those I was working with and for. Also, when I came into the PE/DPA, it was good to see that the head of the corporate finance team, the chief accountant and the Finance Director were at various times women, which provided me with something to aim for.

How will transformation affect your team?

A number of individuals in the team are heavily involved with transformation workstreams and I actively encourage that. Going forward, I do not expect our core outputs to be largely affected, but there will

be changes in the way we interact with other parts of the organisation. Two of my teams are pure Finance and Accounting, and their roles will remain largely unchanged, but it is more complicated for the teams where the skill set required is a mix, including Corporate Services, Project Controls and Information Technology & Information Management (ITIM). We are working closely with the functional leads in those areas to understand the new role profiles. I believe that the up-skilling of these functions, and knowing who and where the talent pool is, will be very beneficial for resourcing the team in future.

What do you enjoy doing in your spare time?

Above anything else, playing tennis. I manage to play regularly a couple of times a week and still compete at County level, a challenge these days as I play so little compared to most of the opposition. I also enjoy going to the theatre or watching films (subtitled, not action or thriller) and reading fiction, though that's mostly accomplished on holiday.

“ It is our job as leaders to make sure everyone feels valued in order for them to perform to the best of their ability ”

CASE STUDY

Recruitment case study

Name:

Phoebe Loveridge

Job title:

Phase 2 DE&S Apprentice

How long have you worked for DE&S?

12 months

Why did you choose to pursue a career in DE&S?

I first became quite close to the military in the Royal Marine Voluntary Cadet Corp, which I attended for six years. This drove me to pursue a career in the military. However I didn't like the thought of going away for long periods of time, so I changed my career path to engineering. I completed my A-levels in Maths, 3D Design and Public Services and found the DE&S Engineering Management apprenticeship on the Civil Service website. DE&S sounded perfect from the previous experience that I had. DE&S enabled me to gain experience and vital skills to be a professional engineering manager. The job enables me to work alongside the Royal Navy giving support to defence equipment.

What does your role entail?

In the apprenticeship, I have recently finished college, completing Level 3 Business and Technology Education Council (BTECS) in engineering and learning some basic hand and machining skills. In phases 2 and 3 I will go on 3 placements in different areas of the dockyard, undertaking different roles enabling me to gain experience and skills. I have now started my first placement in HMNB Devonport working alongside HMS Talent. During my placements, I will complete my National Vocational Qualification (NVQ) Level 3 and complete a Higher National Certificate (HNC). Once I have completed the apprenticeship I will be able to apply for a band D role in the Ministry of Defence (MOD).

What are the opportunities to develop and progress within your function?

The apprenticeship itself gives you so much support to achieve your goals. The scheme involves educating and supporting you throughout the three years to the role of a band D. You are given daily support by colleagues in your work placement and mentoring by college staff and line manager to make sure that you are reaching objectives that you have set. After the apprenticeship, there are many ways to develop and progress within DE&S by going onto development schemes such as graduate schemes.

What do you most enjoy about your job?

In my job I am very lucky that my office window looks out onto the docks, so I am able to physically see what I am working with. This is very important to me, as it's amazing to think that the work I am completing is supporting the Armed Forces. The most enjoyable thing is getting to go down on the submarines regularly to see the work that is being carried out.

What's your ambition?

At this stage I am determined to learn as much as I can in the apprenticeship and take every opportunity that I can to gain more



Picture: Andrew Linnett

experience and knowledge. This includes completing my NVQ and HNC to the best of my ability and develop through the MOD.

What's the greatest achievement (in your role) to date?

During my apprenticeship, I had to carry out a community project at a local primary school in the Plymouth area. This involved all of my group rebuilding a nature area for the children. My task was to make a bug hotel. I found this task challenging, as I had very little experience in wood construction, so after research and prototypes I managed to complete my task and the outcome was successful.

Why would you recommend DE&S to others as a great place to work?

DE&S is a great company to work for because it gives you so many opportunities to broaden your knowledge in different areas, including surface ships, submarines, infrastructure, health & safety and logistics. This shows that DE&S is able to cater for anyone's needs, allowing you to change your career path around the company.

What are the social benefits of working for DE&S?

Working for DE&S enables you to get the Defence Discount card which offers endless discounts for restaurants, car hire companies, cinema tickets, retail shops and hotels. As well as receiving discounts, HMNB Devonport has a gym on base which is a high class sporting facility at a reasonable membership price. The gym also offers lots of fitness classes and activities that you can partake in, such as rock climbing, yoga, swimming, squash, football and athletics.

WORK FOR DE&S

Welcome to this edition of DE&S jobs in Desider. There are great opportunities available at DE&S and each month we list current and future posts. For even more opportunities visit the Civil Service Jobs Portal at www.civilservicejobs.service.gov.uk

Graduate and apprentice schemes

DE&S offers a number of top class graduate and apprenticeship opportunities, providing successful applicants with “hands-on” experience in roles across a range of projects.

If you have recently left school or university and are interested in embarking on a career in defence but do not yet have the experience/skills required for our listed

vacancies.

More information on the range of graduate and apprentice opportunities DE&S has to offer is available at www.civilservicejobs.service.gov.uk

Rewards and benefits

In addition to the fantastic variety of cutting edge jobs and an excellent opportunity to develop skills through training, including working towards professional qualifications, we also provide first rate benefits for all of our employees. These include flexible working, excellent annual leave, maternity and paternity allowances as well as a very competitive pension scheme, eligibility for performance related pay, free car parking (caveats apply), proactive employee engagement, access to Benenden Medical care and the opportunity to join many civil-service clubs such as the Sports and Social Association and Motoring Club (CSMA)

which offer numerous discounts to members.

Our headquarters are based in Abbey Wood, Bristol and, like many other sites, boasts an impressive range of facilities including a fully equipped gym, an on-site nursery, a range of restaurants and coffee bistros and a hairdressers.

We understand the commitments our staff have, both inside and outside of the office. Our aim is to provide you with a place of work which allows you the flexibility you require to maintain a great work/life balance.

Equality and diversity

DE&S is committed to embracing diversity: it is one of our core values. Irrespective of gender, marital status, race, religion, age, disability and without reference to social background or sexual orientation, DE&S operates an inclusive environment to allow you to develop your career.

Whether uniformed or civilian, we expect the attitudes of our people to reflect our approach to diversity by:

- fostering a working environment where all staff feel comfortable, welcomed and valued for their contributions

- promoting a workplace that values dignity, respect and fairness
- promoting high standards of behaviour and complying with the law by creating equality of opportunity

To demonstrate our commitment, we are members of Stonewall, Race for Opportunity, Opportunity Now, The Employers Forum on Disability, The Employers Forum on Age, and we are also affiliated to a:gender.

Read more about equality and diversity in MOD.

How to apply

We are looking for innovative, talented, focused individuals to join us in being instrumental in defending Britain's interest both at home and overseas.

DE&S provides the opportunity for a truly rewarding career, working on complex, interesting and often sensitive projects of great significance and consequence, with excellent training opportunities for your continued professional development.

If you would like to view all current vacancies across DE&S and the wider civil service, please visit the Civil Service Job Portal.

In addition, for an easy, hassle free way of keeping up to date with all the latest vacancies, you can now follow us on Twitter or like our page on Facebook.

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CURRENT VACANCIES

Defence General Munitions Assistant Team Leader DE&S

Bristol | £49,835 | Grade 7 B2 | Closing date: 11 Dec 2016

Reference number **1515753** Post type **Permanent** Hours **37 Hours**

Job Description: This post is responsible for the management of a multi-function project team for delivering the development, procurement, safety, quality assurance, inventory management and in-service support of a wide range of munitions for all Front Line Commands.

Mechanical Air System Engineers DE&S

Bristol | C2- £30,424 C1- £42,991 | C1 & C2 | Closing date: 8 Jan 2017

Reference number **1517460** Post type **Permanent** Hours **37 Hours**

Job Description: As a Mechanical Air System Engineer you will provide Subject Matter Expert advice to aid DE&S to assure the delivery of safe equipment. You will lead mechanical air system engineering, evaluation, performance verification and demonstrations related to aircraft systems.

DESG Undergraduate Sponsorship Scheme DE&S

Bristol | £19,109 - £20,883 (pro-rata) | Closing date: 9 Jan 2017

Reference number **1505914** Post type **Permanent**

Job Description: The DESG Undergraduate Sponsorship Scheme is a unique opportunity to earn whilst you study for a specialist degree. We are looking for students who have a desire to join the Defence Engineering and Science Group.

DE&S Finance Graduate Scheme DE&S

Bristol | £24,362 | Executive Officer D | Closing date: 9 Jan 2017

Reference number **1516016** Post type **Permanent** Hours **37 Hours**

Job Description: Finance Officers work alongside project managers, commercial officers, inventory managers, technical experts, risk managers and military colleagues to ensure that the equipment the MOD purchases is fit for purpose and achieves the best possible value for money.

Engineering Management Apprentice DE&S

Bristol | Year 1- £14,556 Year 2- £15,578 Year 3- £18,643 | Closing date: 29 Jan

Reference number **1513665** Post type **Permanent**

Job Description: The scheme is open to anyone over the age of 16 years at the start date of the apprenticeship.

Engineering Management Apprentice DE&S

Plymouth | Year 1- £14,556 Year 2- £15,578 Year 3- £18,643 | Closing date: 29 Jan

Reference number **1515042** Post type **Permanent**

Job Description: The scheme is open to anyone over the age of 16 years at the start date of the apprenticeship.

FUTURE VACANCIES

Supply Chain Management DE&S

Bristol | £30,424 | Estimated launch: 16 Dec 2016

Grade Higher Executive Officer / C2 **Post type** Permanent

Type of role Management **Hours** 37 Hours

Work with a variety of partners to ensure the flow of equipment and support services go to where the Armed Forces need them, when they need them.

Supply Chain Management DE&S

Bristol | £24,362 | Estimated launch: 16 Dec 2016

Grade Executive Officer / Band D **Post type** Permanent

Type of role Management **Hours** 37 Hours

As above.

Engineering (Air domain) DE&S

Bristol | £37,071 | Closing date: 6 Jan 2017

Grade Senior Executive Officer / Band C1 **Post type** Permanent

Type of role Engineering **Hours** 37 Hours

DE&S' engineers work with industry partners to deliver programmes, provide specialist input to projects, and solve a range of engineering challenges.

Engineering (Air Domain) DE&S

Bristol | £30,424 | Closing Date: 6 Jan 2017

Grade Higher Executive Officer / Band C2 **Post type** Permanent

Type of role Engineering **Hours** 37 Hours

As above.

Finance DE&S

Bristol | £37,071 | Closing Date: 28 Feb 2017

Grade Senior Executive Officer / C1 **Post type** Permanent

Type of role Finance **Hours** 37 Hours

DE&S finance officers work to procure and support the equipment that MOD requires. This could be anything from army boots to warships or ration packs in aircraft.

Finance DE&S

Bristol | £30,424 | Closing Date: 28 Feb 2017

Grade Higher Executive Officer / C2 **Post type** Permanent

Type of role Finance **Hours** 37 Hours

As above.

Please note – This is the currently planned recruitment activity for the coming months and may be subject to change according to business needs and priorities.

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60 SECOND SPOTLIGHT

Name?

Graeme Sim

Job?

Mechanical Engineering Craft Apprentice

Your route into DE&S?

When I left school I had been accepted at Strathclyde University to do a business degree at the same time as being accepted into the apprenticeship by DE&S. I was swayed to take the apprenticeship by the male side of my family, who were all apprentices. The first nine months of the training took place off site at a training centre, East Kilbride Group Training Association. On completion we were awarded a National Certificate in mechanical engineering and a workshop based qualification – a Scottish Vocational Qualification level 2. Upon completion we returned to the site and ever since I have been touring around the depot collecting the evidence for the SVQ level 3 that is required to complete the apprenticeship. I am now in my third year and am looking forward to learning, in February, what section will be my home for the beginning years of my career at the Defence Munitions in Beith, which is 20 miles south-west of Glasgow.

Your claim to fame?

I went to India in my last year at school; we were challenged to fundraise more than £3,000 to pay for the flights and equipment needed. While there, we spent a week doing charity work in a village near Uttarakhand in Northern India, where we built incinerators for the villagers to burn their rubbish instead of it stacking up. We also fitted a guttering system to the houses which funnelled water into a tank to be used for personal hygiene and for the crops. In the second week we did a lot of hill walking in the foothills of the Himalayas before taking an overnight train to Agra to see the Taj Mahal. All in all a spectacular two weeks that I'll never forget.

Your advice to anyone?

Don't take yourself too seriously. If you can't have a laugh with your mates then what's the point?

What do you do when you're away from work?

I like to spend some time with the girlfriend, Nicola, and I follow the progress of the Dandy Dons, Aberdeen Football Club. I combined the two a few years ago and took her to a game against St. Mirren in Paisley where Aberdeen were rampant and won 3-0! After the game I asked her if she enjoyed it but for some reason she didn't – something about it being snowy and blowing a gale force wind... I don't know, beats me.

What are you most proud of?

Picture: Andrew Linnett

That's a tough question. I guess Nicola did incredibly getting 10 A's in her first year university exams? But then again Aberdeen won the league cup in 2014 after a thrilling penalty shootout against Inverness... come back to me on that one!

If you were sent to a desert island, what three things would you take with you?

A CD player, some Paolo Nutini albums and sunscreen.

What irritates you the most?

The stories in the Daily Record are right up there for sure.

What is your favourite place in the world?

Defence Munitions Beith... obviously.

Your secret?

Gavin Hamilton, a fellow DM Beith apprentice, and I were going to go and see Cascada (a German dance music act that represented Germany at the Eurovision Song Contest) live at Strathclyde University fresher's week but the tickets were sold out!

Do you or someone you know deserve their 60 seconds in the spotlight?

Email tom.morris114@mod.uk

DE&S supports Poppy Appeal



Above: Many DE&S staff attended the Poppy wreath laying at Abbey Wood on Armistice Day

A host of events at DE&S sites across the country saw the organisation raise thousands of pounds for the Royal British Legion this year.

At MOD Abbey Wood alone more than £17,000 was collected through a number of events including a 'Game of Truce' football match and a Royal British Legion Rowing Challenge. This was more than double the fundraiser's target of £7,500.

On November 11 MOD Abbey Wood marked Armistice Day with DE&S senior staff including CoM Fleet Vice Admiral Simon Lister, CoM Land General Paul Jaques, CoM Air Air Marshal Julian Young, and CoM Joint Enablers Pete Worrall placing poppy wreaths on the plaque in the Central Plaza.

DE&S CEO Tony Douglas, who also placed a wreath, said: "This was my first remembrance service as Chief Executive Officer, and I felt humbled by the number of people, both civilian and military, who joined together to show their respect.

"It is clear that our staff have a real sense of pride in supporting Her Majesty's Armed Forces, particularly during times of hardship and war, past and present."

Poppy Day itself was held in Bristol on November 3 and the day was

attended by local dignitaries including George 'Johnny' Johnson DFM – the last British Dambuster.

Displays included a series of First World War model tanks made by DE&S staff, a beautifully crafted model of a trench and hand-painted banners by children from Almondsbury Primary, Filton Hill Primary, Lecole Francaise de Bristol and the Abbey Wood Woodpeckers Nursery.

There were also wartime classics performed again by 'The Goodnight Sweethearts'.

At 4.30pm a SOMME 100 wreath of poppies, a wreath of cornflowers (for France) and a wreath of forget-me-nots (for Germany) were placed on the 'Wall of Remembrance' in the Central Plaza.

The 'Wall of Remembrance' was formed by 200 sandbags, sponsored by DE&S staff, consultants, contractors and suppliers and represented a First World War trench to commemorate the 100th anniversary of the Battle of the Somme.

Elsewhere the DE&S Joint Asset Management and Engineering Solutions (JAMES) Delivery Team at Warminster held a service outside the Infantry Headquarters, DE&S Merlin Team Project Team Leader Captain Kieran O'Brien led an act of remembrance at Yeovil, while a wreath was also laid on behalf of DE&S and



Picture: Jack Eckersley

Above: George 'Johnny' Johnson attending ABW

RNAS Yeovilton at the Yeovil War Memorial.

Kineton Station conducted its annual Remembrance Parade on site, Defence Munitions (DM) Plymouth held a Remembrance Service at their Memorial, and the DE&S UK Military Flying Training System (UKMFTS) team at Building 1300 in Bristol held a remembrance service.

Chris Della Porta, who helped coordinate the effort at MOD Abbey Wood on behalf of the RBL, said: "The Abbey Wood Bristol Poppy Appeal was a great success both in terms of the awareness raised of the work the Royal British Legion does and in terms of the money collected. Everyone's efforts were greatly appreciated by the Royal British Legion."

DE&S PEOPLE

Scottish Government shadowing opportunity for Rachel

A member of the DE&S Tech Office has made the most of a shadowing placement with the Scottish Government.

Rachel Dyer was one of 35 individuals, including three from the Ministry of Defence (MOD), who secured a placement on the week-long scheme.

The group was met on day one by Permanent Secretary, Leslie Evans, who gave them an overview of the government before meeting their hosts – in Rachel's case Neil Harrison, from the Ministerial Communications Marketing team.

During the week, Rachel met the Digital Communications teams as well as covering the complexities of devolution, receiving briefings from individuals on their career paths and witnessing a lively debate in the Scottish Parliament around the topic of taxation.

She also enjoyed a fascinating discussion about Scotland's decision to provide new mothers with Nordic-style baby boxes containing clothes, toys, nappies and a built-in mattress which turns into a cot. They are based on Finland's maternity package, which has been running almost 80 years and is credited as the reason for the country having one of the lowest infant mortality rates in the world.

Rachel said: "The week was intense but extremely professionally beneficial, and I made time to take in the sights of Edinburgh, including the castle and Holyrood Palace. Thanks are extended to line management and also interchange host John Petrie and Comms host John Booth from the Scottish Government for arranging the programme, and to hosts Neil Harrison and Ken Goodlad. Follow-up activities on combined DE&S/Scottish government engineering outreach programmes are now being discussed."



Above: Rachel Dyer outside Scottish Parliament

MOTTO

the MOD Lottery
September 2016 winners

£10,000	Peter Davidge, London
£2,500	Elaine Buchan, Corsham
£1,000	Alexander Grubb, Aldergrove
£500	Deborah Taylor, DSTL - Portsmouth West
£250	Stacey Owen, RAF Wyton
£100	Christopher Nelson, Abbey Wood
	Theresa Hawkins, Abbey Wood
	Joseph Adkins, Grantham
	Alan Saunders, Upavon
	David Moore, Belfast
	Denis McMullan, Coulpport
	Gary McWilliams, Holywood
	Rachel Ellis, Abbey Wood
	Christine Smith, Tidworth
	Suzanne Edwards, RAF Halton
	Paula Crombie, Glasgow
	Cheryl Swaby, Abbey Wood
	Laura Hole, St Athan
	Michele Davies, RAF Scampton
	Alison Thompson, RAF Cranwell
	Tracy Foran, RAF Wyton
	Robin Tipper, Abbey Wood
	Gary Sayers, Portsmouth
	Edward Holmes, Wethersfield
	Karen Wright, Tidworth



Above: Presentation of the System Safety Practitioner Examination Certificates: (L to R) John Allan (Head of QSEP), Simon Blackburn, Damian Boreham, Holli Kimble, Matthew Twiselton, Alastair Reid, Nicholas Bennett, David Fogarasy, Trevor Cromie, Rhys Edwards and Kathy Clarke Head of BSC.

An event aimed at DE&S staff who manage safety and risk for the organisation's systems, kit and equipment was held for the first time earlier this month.

The Acquisition Safety Continuing Professional Development (CPD) day saw Peter Hall, the Technical Director of the International Institute of Risk and Safety Management (IIRSM) deliver a presentation on Due Diligence and Risk.

The Safety and Environmental Protection team delivered updates on the new version of the online management tool, Acquisition Safety and Environmental Management System (ASEMS), transformation, plus an overview of the DE&S Safety Culture Survey results.

The day concluded with a certification ceremony to recognise the success of the latest batch of those passing the System Safety Practitioner (SSP) Examination.

John Allan, Head of Quality, Safety and Environmental Protection (QSEP), and Kathy Clarke, Head of the Business Skills College (BSC), awarded certificates to successful candidates in attendance. The QSEP and BSC partnership has now seen 120 staff successfully complete the SSP Examination.

In the mood for Movember

Members of the Strategic Weapons project team, based at MOD Abbey Wood, entered into the spirit of “Movember” last month to raise awareness and money for prostate cancer, testicular cancer and additional men’s health issues.

Team member Cris Bollin, said: “We felt that this was a really worthwhile cause, and wanted to show our support. We hope to raise more than £400, which is a fantastic effort — thank you to everyone involved with this event.”



Right: Cris Bollin, centre, with members of the Strategic Weapons team



Picture: Chris Simons



Picture: Jack Eckerley

A keen deep sea diver from DE&S has helped create a calendar to raise funds for The Lifeboat Fund — a civil service charity that supports the Royal National Lifeboat Institution (RNLI).

Jim Hennessey, below left, a project manager within the DE&S Soldier Training and Special Projects team, first started diving in 1998 when he was posted in Northern Ireland with the Army.

As well as diving, Jim developed a keen interest in photography and combined his two passions.

He first came up with the idea of a diving calendar last year and produced one to raise money for The Lifeboat Fund 150th Anniversary Appeal, which seeks to fundraise £1.1 million towards the cost of a Shannon class lifeboat which will be stationed at Wells-next-the-Sea, Norfolk.

After last year’s success, Jim decided to ask members of his diving club, Clifton Sub Aqua Club, if they would like to submit photos for this year’s desk calendar.

The result is a calendar featuring some amazing shots of shipwrecks including the former HMS Audacious, which was sunk by a German naval mine off the northern coast of Ireland in October 1914, and the SS James Eagan Layne, which was torpedoed off Plymouth by a German U-Boat in March 1945.

Jim, who lists the Isle of Mull, the Red Sea and the Orkneys as his three top diving locations, said: “I am a RNLI member because, as a diver, the organisation is your safety net.

“If you are out at sea and get into trouble that is who you are going to be calling, whether you have lost a diver or have trouble with your boat. It’s an incredible institution.”

Anyone who wishes to purchase a calendar, available now at a donation price of £5, should contact james.hennessey419@mod.uk.

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