



Defence Technology Club
Defence Academy of the United Kingdom
College of Management and Technology
Shrivenham
SN6 8LA

THE DEFENCE TECHNOLOGY CLUB NEWSLETTER – AUTUMN 2011

On behalf of the Defence Technology Club committee, I hope that you are having an enjoyable summer and we look forward to seeing you at our Symposium and Dinner in September. The Symposium will be focussed on topics directly related to serving Army technical staff officers, especially those at Grade One and Two, and will be hosted by our President, Major General Moore in the Defence Capability Centre at Shrivenham. Our intent is to organise the Spring Dinner slightly earlier than normal to ensure that the next Battlefield Technology Course will be present as their course schedule has changed to start in June and finish in February prior to starting the Intermediate Command and Staff Course (Land).

UPDATE ON TECHNICAL TRAINING AND EDUCATION AT SHRIVENHAM

Technical Ammunition Education. All the Ammunition Technical Officers (ATO) complete a project as part of their course, and there were five projects this year including: the attack of a buried IED with an explosively driven pile to disrupt and heave an IED out of the ground; the attack of helicopters using IEDs and how blast waves propagate in an urban environment. A historical project investigated the World War 2 German Panzerfaust, 8 million of these anti-armour systems were produced between September 1944 and March 1945; a replica was constructed and successfully fired on the Explosive Research and Demonstration Area (ERDA). However the winning team designed an environmentally friendly 60mm Mortar practice round, following work by the previous ATO Course that had made the nose of a 60mm mortar from a new biodegradable material. This year an entire 60 mm mortar was constructed from a biopolymer mainly of straw and maize starch and fired on the ERDA which proved the concept viable; the most significant part of this is that the cost of each round will be as low as £50 each.



Captain Martin Cayless the top academic student on this years ATO Course receiving his prize from Brigadier Mark Lacy, Head of Technology Division

Battlespace Technology Course. Both Battlespace Technology Courses 4 and 5 are now present in Technology Division; a total of 80 students. BTC 4 finishes in November 2011 when the students will depart for their technical staff jobs, whilst BTC 5 finishes in February 2012 before students depart for the Intermediate Command and Staff Course (Land). We are already delighted to welcome several members of BTC 4 to the Club. Members from Courses 1 to 3 are encouraged to return for the Cocktail Party and the Symposium, and to coordinate their visit to Shrivenham to meet the directing staff, their tutors - especially for those students with dissertations - and their successors from courses 4 and 5. Four students from BTC 1 have submitted their dissertations and returned to complete Vivas for their Masters Degree, which have provided some interesting feedback to the Directing Staff at the Academy; and we look forward to many more in the future.

Faststream Civil Service Armed Forces Course. Technology Division organised their first Faststream Civil Service Armed Forces Course building on the successful course previously organised by Cranfield University. The course started with an overview of defence capabilities from the Permanent Staff Officer to the Chief of the Defence Staff and the environmental experts from Doctrine and Concepts Development Centre. With guidance from the recent Strategic Defence and Security Review, the course then visited several of the key capabilities within the Armed Forces to examine their different effects, and the various cultural and training issues related to their personnel that support the capability. This involved several "ice breaking" activities that enabled the civil servants to talk informally with staff and to gain a greater understanding of the environments within which they expect to perform their duties during operations. Finally, the course concluded with several operational briefs, including the excellent "Realities of Conflict" with the Joint Command and Staff College and an overview of strategy and strategic thinking from Major General Melvin.



Faststream Armed Forces Civil Service Course
at RAF Odiham

Visits to the Defence Capability Centre. Several VIPs have recently visited the Defence Capability Centre, of particular note are His Royal Highness the Duke of Edinburgh and Defence Secretary Dr Liam Fox.



Our Chairman Brigadier Lacey briefs His Royal Highness the Duke of Edinburgh with Lieutenant Colonel Andy Stevens and Major Pete Norton in attendance.



Our new Director General Mr Peter Watkins escorts the Defence Secretary Dr Fox around the Defence Capability Centre.

ANNUAL COCKTAIL PARTY 2011

Over 80 Club Members and guests attended the highly enjoyable Cocktail Party in the new Larkhill Officers Mess on 10 May 2011. Several of our members, especially those from the Royal Regiment of Artillery, enjoyed looking at the wonderful display of Mess Silver and paintings that have recently arrived at the Mess from Woolwich.



The cocktail party gets off to a good start in the Main Function Room



Mr Carl Mantell and Major Robinson (left), and Mrs Jenny Gregory and Wing Commander David Martin (right) enjoy their hot snack before departing from the Mess for Shrivenham.

SYMPOSIA AT SHRIVENHAM

Club Members (of at least 2 years) are entitled to MOD rates (currently £245 rather than the commercial rate of £625) on most Symposia at Shrivenham. If you are interested in attending then please contact the Cranfield University International Symposia Manager (Mrs Betsy-Jane Lawton) on 01793 78 5846, betsy@symposiaatshrivenham.com or the symposia office direct via their website www.symposiaatshrivenham.com making sure that you let them know you are Club members.

Forthcoming events which may be of interest include:

Small Arms and Cannons		23 – 25 August
DIS Symposium		14 September
Defence Technology Club Symposium		22 September
Vehicle Health and Prognostics Management		28 – 29 September
International CBRN		4 – 6 October
Shrivenham 2011 (DCDS(Cap) Acquisition Workshop)		10 – 11 October
Capability Management Seminar		13 October
Defence Electronics History Society (Autumn Symposium)		14 October
Countering Home-grown Terrorism		18 – 20 October
Military Deception	tbc	2 – 3 November
Cultural Property Protection	tbc	7 - 8 November
Horizon Scanning	tbc	23 – 24 November
Capability Management Seminar		29 November
Electronic Warfare		7 – 8 December

MEMBERSHIP ISSUES

As usual, please keep us informed of any changes to your contact details through our membership secretary, Sue Offer:

- By phone on 01793 785424
- By email to soffer.cmt@defenceacademy.mod.uk
- In writing to the address at the top of this Newsletter
- On the internet via the “contact us” tab on the web address in header to this letter.

Sue continues her efforts to trace “missing” members and has had considerable success finding the contact details for many people with whom we had lost touch. I would be grateful if you would assist her by keeping us up to date especially with your current email address as all Club correspondence is now sent electronically unless you have specifically requested it by post. Postal addresses are still required however for the annual distribution of the Members Book. **A proforma is enclosed with the Members Book which will be sent shortly, detailing the information we hold on record for you, if it is incorrect please inform Sue Offer.**

If you know the whereabouts of Club Members for whom we have “no forwarding address” in the Members Book, whom are all subscribing Members, we would be grateful if you could ask them to contact us.

MEMBERS' NEWS

This section is for members to update the Club about their activities, achievements and events of mutual interest. For instance, you may have changed jobs recently and would like to let other members know where you are working and how to contact you. Soft copy can be emailed to me at williams.cmt@defenceacademy.mod.uk and hard copy can be mailed to the postal address at the top of this Newsletter. Please try and keep submissions fairly short and to the point.

We are delighted to welcome the following new members to the Club:

Professor Karen Carr, Professor of Human Systems, Cranfield Defence & Security

Mrs Kathy Clarke, Deputy Head, Technology Division, Defence Academy-College of Management & Technology

Major Ben Collis, SO2 Capability, Army RP

Major Douglas Nelson, SO2 Mobility, Infantry Trials & Development Unit

Major WJ Passmore, SO2 RM JBTSE, DE&S

Major Adam Wilson, SO2 STA, Infantry Trials & Development Unit

Major Tim Allison, BTC 4 Student

Major Charles Bagshaw, BTC 4 Student

Major James Carrick, BTC 4 Student

Major Dan Fallowfield, BTC 4 Student

Major Steve Garmory, BTC 4 Student

Major Haydn Gaukroger, BTC 4 Student

Major Richard Hampson, BTC 4 Student

Major Daniel Herberts, BTC 4 Student

Major Oliver Knight, BTC 4 Student

Major Iain Lamont, BTC 4 Student

Major Mark Melhorn, BTC 4 Student

Major Ed O'Brien, BTC 4 Student

Major Daniel Perkins, BTC 4 Student

Major David Reith, BTC 4 Student
Major Christopher Rimmer, BTC 4 Student
Major David Robinson, BTC 4 Student
Major Austen Salusbury, BTC 4 Student
Major Andrew Seddon, BTC 4 Student
Major Andrew Swann, BTC 4 Student
Major Benjamin Taylor, BTC 4 Student
Major Duncan Woodward, BTC 4 Student
Major Tim Wright, BTC 4 Student

Lt Gregory Davidson RN, AMEC Student
Lt James Binns RN, AMEC Student

It is with great sadness that we announce the death of the following Club Members:

Professor Richard Holmes, ACDC & Staff 1989 - 2009

It is with great sadness that Cranfield University announces the death of Professor Richard Holmes. He died on Saturday 30th April at the age of 65 after a long illness. Richard's record as one of Britain's most recognised and distinguished military historians, broadcaster and Britain's most senior army reservist is well known. This is borne out by the numerous tributes that appeared in the national press detailing some of his many achievements.



Professor Richard Holmes School of Defence and Security at Cranfield University at Shrivenham,

Professor Richard was known as an outstanding teacher, supervisor and mentor. He was the Director of Cranfield's Security Studies Institute from 1989, becoming Professor of Military and Security Studies in 1995 until his retirement in 2009. Few students will forget his clarity and eloquence in the classroom or on-screen in the e-learning courses he helped pioneer. He supervised numerous doctoral research students where his generosity of time and keen intellect combined to provide students with the vital support required for their studies. His generosity, wisdom and support were also evident to all of his colleagues at the Cranfield campus at Shrivenham and across the wider University.

Professor Ian Wallace, Head of School at Cranfield Defence and Security said: 'He was always constructive and supportive and was a great champion of the University. He was a great man and brilliant academic who will be sorely missed by Cranfield University and by all who knew him.'

Major-General David Egerton,



Major-General David Egerton.
01 TSC 1946 - 48, who has died aged 96, had a distinguished career in the Army despite being severely wounded in action in 1944.

David Boswell Egerton, the only son of Vice-Admiral Wion de Malpas Egerton and the only grandson of Field-Marshal Sir Charles Comyn Egerton, was born at Grimsby, Lincolnshire, on July 24 1914. He was educated at Stowe before passing into RMA Woolwich with a prize cadetship.

He was awarded an MC during the withdrawal to Dunkirk, as his battery was in very exposed positions and came under constant shell and mortar fire; he braved heavy machine-gun fire to keep in contact with his guns. In February 1944, was posted to 8th Battery in the 13th Anti-Tank Regiment, which moved to Italy, and lost his left leg above the knee and bits of his left arm during the advance up the Tiber valley, after being hit by a shell.

He was appointed OBE after serving at Fort Halstead, and served as Commandant of the Trials Establishment, Guided Weapons, at Anglesey. On promotion to Major-General he was the Army member of a joint Air Defence Working Party, and in 1964 he became Director General of Artillery with responsibility for the approval of most Army weapons.

He was appointed CB in 1968 and retired from the Army in 1970. He was Colonel Commandant RA from 1970 to 1974.

Major General Ralph Crossley CB CBE, 17 TSC 63 - 65, Staff 72-74 & 81 - 83 died 16 May 2011 after a year long battle with a brain tumour. A former Deputy Commandant at the Royal Military College Shrivenham, several members of the Defence Technology Club attended his funeral on June 1st in Redlynch near Salisbury where he had lived for the past 25 years. He was a member of the Advanced Class Dinner Club - which merged with the Shrivenham Club to become the Defence Technology Club. His son Ralph stated that he "often spoke of Shrivenham as he had many happy memories of his time spent there both professionally and socially, including those of course at the Shrivenham Golf Club".

Brigadier James Lawrence-Archer, late RAOC, died on 9 June 2011. 09 GW 1958 & 09 TSC 1954 - 56.

Colonel Michael Goodeve-Ballard, late RA. 16 TSC 1962 - 64, Staff 1975 - 78. Died 15 March 2011.

FUTURE EVENTS

The Defence Technology Club Symposium, AGM and Annual Dinner are planned for **Thursday 22 September 2011**. The symposium is focused at serving Grade One and Two staff officers in the technical career field, hence members from the Battlefield Technology Courses 1 to 3 are strongly encouraged to attend the afternoon lectures. Battlefield Technology Courses 4 and 5 will be attending the Symposium as part of their course. Guest speakers will include:

Chief of Material (LAND)
Director Battlespace Manoeuvre - (Our President)
Equipment Strategy (Army)

The outline format for the day will be:

1000 - 1200	Briefings by Technology Division Staff and Cranfield University
1200 - 1400	Lunch
1400 - 1600	Briefings by Guest Speakers
1715 - 1800	AGM (Tea available from 1700)
1900	Pre Dinner Drinks in the Defence Capability Centre
2000	Dinner in the Defence Capability Centre
2300	Drinks finish

Provisional Club Dates for 2012 will be discussed at the AGM and promulgated with the Minutes of the Meeting. Meanwhile, the committee and I look forward to meeting with as many of you as possible at the AGM and Annual Dinner.

Laurence Williams

Lieutenant Colonel L H Williams
Honorary Secretary
July 2011