

1 May 2016

May Day Edition

Smallwood EW Trophy The biennial Smallwood EW Trophy has been awarded to FS Paul Bragg for his work on the Fast Air Support team at Abbeywood. FS Bragg has worked tirelessly to support the Tornado's EW systems but most importantly he has provided over 2 years'-worth of critical and unerring support to the Common Jamming Pod (CJP) project. The responsibilities that FS Bragg holds and the expectations placed upon him are far beyond those normally expected of a SNCO. In spite of the exceptional pressures he faces, he has risen consistently and with outstanding professionalism and dedication to myriad challenges, and justifiably has earned the widest respect from all stakeholders, including the most senior. While managing the financial and engineering aspects of this exceptionally complicated project, he has been absolutely critical to the progression of this new EW capability for Tornado and potentially for other platforms. FS Bragg will receive the UK Chapter Smallwood award at the Chapter History Evening on 26 May. Come along and meet Paul, who will also provide a short briefing on his work on the CJP.

Chapter History Evening 2016 This now annual UK Chapter event has been a great success and promises as much if not more in 2016. We need you to come along and join us. The 2016 meeting will commence at 18:00 on Thursday 26 May in the RAF Club – mark your diaries now for what is sure to be an excellent meeting. Personally, I think that history, and the history of EW and SIGINT in particular, is hugely important. Through its study we can investigate the past, better understand the present and maybe prepare for the future. Past meetings have been attended by Imperial War Museum staff, and acclaimed by them. This year we are looking at 2 presentations on post-WW2 subjects. The first, '*MIRRORS*' will take a first look at whether the German 'Klatt' network of Abwehr intercept and HUMINT assets ever existed. It will also address the conflicting loyalties of one UK assessor helping decide its existence, value and use against Soviet Russia - a certain 'Kim' Philby. '*MIRRORS*' will be presented by Dr Phil Judkins, Chairman Defence Electronics History Society (<http://www.dehs.org.uk/>). Then our Treasurer and acclaimed history author, John Stubbington, will speak on EW and Signals Espionage and conclude by addressing the fundamental challenge - the balance of national security against personal privacy. The talk will tackle aspects of this evolution, with examples of significant events and their consequences. If you would like to contribute – don't be shy, whatever your background, come and learn, and perhaps explain why history is important to you. A **form with more details and contact/registration details** is included below. The event is free but we need to know numbers and names for the RAF Club. Please feel free to invite guests.

AOC EW Europe 2016 – Rotterdam I hope to see many of you in Rotterdam in a couple of weeks at the AOC conference and exhibition. UK Chapter members Air Marshal Philip Sturley will be in the Chair while Doctor Bob Andrews and Doctor Sue Robertson look after the technical tracks. Chris Howe MBE, Ian Fish and Richie Canale have all volunteered to man the AOC stand, look after the prize draw and generally assist with the sessions. Be sure to stop by the AOC stand and say hello.

IET Lecture – Chapter Members Welcome Dr Mike Pywell of BAE Systems, Military Air and Information Division, has been in touch. He is giving a presentation on Aircraft-Sized Anechoic Chambers for EW, Radar and other EM Engineering Evaluation, at the IET in London at 14:00 on Friday 27 May. Chapter members are most welcome to attend and it is open to non-IET members. Further details are included in the attached PDF flyer.

Burns Lecture DEHS As advertised in the March Newsletter, the DEHS Burns Lecture took place at Shrivenham on 13 April and was by all accounts a great success. The lecture was given by Dr Graham Farmelo, Institute of Physics Kelvin Medallist, and author of the internationally acclaimed “Churchill’s Bomb”. John Stubbington has written a summary and it is attached.

AOC Elections The AOC BOD has announced a change in elections dates:
The Election time frame has been shifted this year. Elections will start September 1st and run through September 31st. The election guide will still be in the June 2016 JED issue and then it will run again in August 2016 JED Issue.

International Region 1 Nominees are Pierre-Alain Antoine (France), Johannes Naumann (Germany) and our very own Sue Robertson, who was nominated by the UK Chapter Board. When the time comes, every vote in what is usually a low turn-out counts, so please make the effort to vote.

Radar Snippets John Wise MBE has provided another article explaining that quite a lot is going on in world of radar and with a useful reminder that Finmeccanica is in the process of rebranding itself as LEONARDO. John’s article is attached.

Air Defence Radar Museum Visit Our excellent membership executive director Ian Fish is planning a visit to the UK’s Air Defence Radar Museum in the week of 25 September. The proposed Chapter-subsidized visit has been warmly and enthusiastically welcomed by the Chairman of the ADRM’s Board of Trustees, Air Chief Marshal Sir John Allison, who many of you will no doubt remember. We are also looking at another coincidental visit to a history site in Norfolk. The museum, which is located at the world’s longest continuously operating radar site, provides a unique window into the history of radar and is a great day out in Norfolk, for all the family. The museum is located at Neatishead, close to Horning and the Broads. They have a great website, which is well worth a visit: www.radarmuseum.co.uk. More will follow in the next couple of months. As an aside, we are also working on a visit to 11 EOD Regiment at RAF Northolt in 2016.

Finally That’s all folks. I’ve listed a few dates below where you might consider joining us and the wider AOC community in 2016. Remember, the UK Chapter is all about you, so please stay engaged and let the Board know what you want. Feedback is always welcome; otherwise we operate in a vacuum. We need more diverse and young members to become actively involved in what the Chapter does – any ideas are most welcome – but ultimately, what are you doing to recruit more members and join in our activities?



John Clifford OBE
UK Chapter President

SOME DATES FOR YOUR 2016 DIARY

Visit to RN Type 45 Destroyer, Portsmouth TBD 2016

AOC EW Europe 2016 10-12 May 2016, Ahoy Conference Centre, Rotterdam, Netherlands. Registration open at www.eweuropa.com

UK Chapter History Evening 2016 18:00 26 May RAF Club, London (more information below)

IET Lecture – Chapter Members Welcome Dr Mike Pywell BAES, 14:00 (optional lunch from 12:30), Friday 27 May 2016 at IET, 2 Savoy Place, London, WC2R 0BL (PDF attached)

Visit to Air Defence Radar Museum, Neatishead, Norfolk Date Week of 25 Sept 2016

Visit to 11 EOD Regiment, RAF Northolt, Date TBD 2016

Check out our website at www.ukaoc.org

You can also check out **career opportunities** there too, by clicking on the “**News**” Tab and “**EW Job Vacancies**” tab.



UK CHAPTER

Chapter History Evening 2016 – Millennium Suite

UK Chapter Award to 2016 Smallwood EW Trophy Winner FS Paul Bragg

Royal Air Force Club, 128 Piccadilly, London W1J 7PY

Thursday 26 May 2016

The UK Chapter history evenings began in October 2011 and have been a great success, so we've planned another one for 2016, and will meet at 18:00, and examine 2 post WWII issues.

At this year's event, **Dr Phil Judkins, Chairman of the Defence Electronics History Society** will speak from 1830 about '*MIRRORS*' that will take a first look at whether the German 'Klatt' network of Abwehr intercept and HUMINT assets ever existed, and the conflicting loyalties of one UK assessor helping decide its existence, value and use against Soviet Russia - a certain 'Kim' Philby.

Wing Commander John Stubbington, UK Chapter Treasurer, will then talk about EW and Signals Espionage. The evolution of computer-based signals intelligence began in earnest at Bletchley Park in the early stages of WW2. The ever-increasing development of wider computer espionage has continued to this day and has become in some cases an industrial-scale 24/7 operation, against entire national economies and infrastructures. Along the way, individual members of agency staffs have improperly released massive amounts of data into the public domain leading to compromise of what had until then been considered as secure methods and sources. The fundamental challenge is the balance of national security against personal privacy. This talk will address aspects of this evolution, with examples of significant events and their consequences.

The Chapter will recognise FS Paul Bragg's achievement in being awarded the biennial Smallwood EW Trophy for 2015/2016 and will hear a short briefing on his work.

The event will follow the usual format; it will be free to attend and there will be a light buffet after the talks. If you are interested put the date in your diary; feel free to bring prospective new members or anyone interested in military history. **Everything is in place – we just need you to come and join in, support us and have a great evening.** Sign up today by contacting John Stubbington: John.Stubbington@btinternet.com or by phone: 01420 562722, so we can inform the club of numbers and provide a list for security. Usual RAF Club dress rules apply.