

10 February 2018

Annual General Meeting & Awards Evening

2018 AGM The Annual General Meeting of the UK Chapter will be held in the Royal Air Force Club, London, on Thursday 22 March 2018. **All members** are encouraged to attend this excellent opportunity to meet the Board, to hear a report on the Chapter's activities and its financial health and to help shape our future. The AGM will start at 18:30 and the Aerosystems Course best-paper awardee, Sgt Kris C. Moody will give an unclassified talk on his research and paper. Sgt Moody was recognised with a UK Chapter award for his success earlier in 2017. After the talk we have arranged a hot and cold finger buffet. Phil Davies is organizing the evening. If you want to attend this free event please complete the proforma at the end of this newsletter and return it, or email him the information, so we can order the right amount of food and inform the Club of attendees' names for security purposes. During the **2018 AGM** Wynne Davies will be **recognised with the award of the AOC Lifetime Service Award** – come and celebrate his achievement and meet him, the BOD, and friends old and new. And the **AWC Special Project Team, Smallwood Trophy 2018** winners, will be presented with a UK Chapter Award – come along and meet all the winners and help us to recognise their achievements.

HMS Ocean AOC NATO Operational EW Award. During AOC EW Singapore 2018 on 30 Jan CPO Jonny Keiller, EW Team Leader, was presented with HMS Ocean's AOC NATO EW Operations award by AOC President Lisa Frugé-Cirilli; the ship also received the UK Chapter 2017 Operational Award.



The Singapore programme was full with presentations across the AOC Mission Area, by some of the free world's best speakers and subject matter experts. There was also a great exhibition line up; more post-event information can be found here: <https://www.asia-decs.com/ewa/> Professor David Stupples ran an AOC Expert Special Interest Group during which 20 leading experts met for an hour to discuss LPI radar and EW/ELINT.

New Article Jacey Wise MBE has provided an excellent short paper on "**Miniaturisation** – many thanks to John for his prodigious and prestigious contributions, of which this is his 47th. Don't be shy – please feel free to contribute an article to the UK Chapter. As a reminder these articles are only available as attachments to UK Chapter Newsletters – they are not posted on our website. Any views contained in them are the author's alone. **To potential New Authors** - the UK Chapter membership includes many world class professionals and many of them are distinguished writers in their own fields and on a wide variety of media. All of them are very happy to encourage new thinkers, writers and creative folk and to help them polish their work. Send your articles and let us work together to benefit the field of EW, Information Warfare, cyber and EM manoeuvre operations. **In future** we will be looking for members willing to propose topics and mentor young military personnel on courses and specifically on course projects.

UK EW Documentary – Request for Expert Help. I received a request back in September from a UK company planning on making an EW Documentary. Here is the request based on a couple of emails from Ben Hudson:

I am writing on behalf of Woodcut Media, a production company based in London and Hampshire. We are currently in the research stages of a series that aims to tell stories of interesting military machines and I am focusing on an episode on "Electronic Warfare". Consequently I am looking for people with anecdotal and/or expert knowledge of electronic warfare who might be open to contribute their stories on screen. Woodcut Media is a production company that make historical war documentaries amongst other things: <http://woodcutmedia.com/>. We are currently in the research stages of this series, and I am looking into potential stories of electronic machines that have played significant roles in war. So, for example, things that have come up on the radar (excuse the pun) are the Aspidistra radio transmitter in Sussex, Cobra Mist Radar station in Suffolk, the Cold War story of Operation Ivy Bells etc. We are also looking at stories on smaller, handheld devices – the SCR 300/560 and the GEE-H radio navigation system, both of which were WWII devices. However we are open to any other stories of electronic devices with a good war story. Also, it is always helpful to be in contact with general experts in the field who might help tell the story of electronic warfare in general.

This looks like an interesting and potentially very useful project, so, as so many of you are very knowledgeable in this field in general or in one area specifically, if you are willing and able to help please email Ben: bh13168.2013@my.bristol.ac.uk and please let Ian Fish, our membership executive director, know how you get on. We will also pass this request to the DEHS. Please help spread the word about EW – past, present and future.

AOC Micro-enterprise Group Initiative International Region 1 Director **Dr Sue Robertson** is investigating setting up an AOC group to help micro businesses (5 employees or less). To quote Sue:

"One of the issues that has been brought to my attention by several chapters is that the AOC doesn't offer enough for industry. I think that the AOC should do something for all types of organisations from the largest primes to the smallest micro-enterprises and sole-traders. As someone who works for a small company I have decided to start at the small end and therefore I have initiated a group on the new web-site called the "Micro-enterprise group". This is aimed at companies with 5 or fewer employees or small groups of consultants. The purpose of the group will be to generate networking opportunities and publicise the skills of the micro-enterprises. The group will not only benefit the members but should be a resource for larger companies and military organisations who are seeking niche expertise that is often only available from the smaller companies." http://www.crows.org/members/member_engagement/groups.aspx?id=205726

If you have any views or suggestions you can contact Sue at sue@gpl.co.uk; you can find the new group here: http://www.crows.org/members/member_engagement/groups.aspx?id=205726

More History As Martin Luther King Jr said "We are not makers of history. We are made by history", so on that note, the **DEHS** are holding the **2018 RUSSELL BURNS LECTURE** on Wednesday 30 May 2018 at the Steam Museum, Fire Fly Avenue, Swindon. The topic is **UK Maritime Surveillance Radars for the RAF, 1950–2010** and this year's lecture will be given by Professor Simon Watts, MBE D.Sc. FEng, Visiting Professor in the Department of Electronic and Electrical Engineering at University College, London. There will also be two further presentations on **Frequency Synthesis in Military Radio Communications** by Keith Thrower and **a Short Survey of Batteries in Military Radios** by Peter Butcher. There is a booking form at the end of this newsletter which should be sent to Keith Thrower OBE, DEHS president, no later than 23 May, together with a cheque made payable to the DEHS for £16; kthrower@waitrose.com. If you are interested please add the date to your diary or visit <http://www.dehs.org.uk/events/2018-russell-burns-spring-lecture/>

Finally That's all folks. I've listed a few dates below, where you might consider joining us and the wider AOC community in 2018. In particular, we want as many Chapter members and guests as possible to join us at the **RAF Club Chapter Christmas Party and Awards Dinner on 14**

December 2018 to recognise the award winners and well, party! Mark it in your Diary now. Please 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. **The 3-year young adult complimentary membership is a great initiative and one the UK Chapter has worked towards for many years – please think about it and use it wisely, for example let your HR, apprentice and training teams know about it.** Please send ideas about recognising suitable individuals or organisations for AOC and/or UK Chapter awards. We are particularly keen to encourage apprentices in industry, academics and serving personnel to join the AOC as it brings many on-line benefits like webinars and courses and networking opportunities, JED, etc, helpful when learning new EW-related skills.



John Clifford OBE
UK Chapter President

SOME DATES FOR YOUR 2018 DIARY

UK Chapter AGM, Thursday 22 March 2018, RAF Club, London (Please see next page)

DEHS 2018 Russell Burns Lecture, Wednesday 30 May 2018, STEAM Museum, Swindon (please see final page below for the booking form)

EW Europe 2018, Congrès Bealieu, Lausanne, Switzerland, 5-7 June 2018

<https://www.eweuropa.com/>

Visit to 30 Cdo Y Sqn Stonehouse Barracks Plymouth Date TBD 2018

UK Chapter Christmas Awards Dinner – RAF Club Friday 14 December 2018

Check out our website at www.ukaoc.org

You can also check out **career opportunities** there too, by clicking on the

Home Page **“EW Job Vacancies”** button.



UK CHAPTER

ANNUAL GENERAL MEETING 2017

Award Presentations

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

Thursday 22 March 2018

The Annual General Meeting of the AOC UK Chapter will be held in the Royal Air Force Club, 128 Piccadilly (Hyde Park end) on **Thursday 22 March 2018**. All AOC members are encouraged to take this opportunity to meet the UK Chapter Board, to hear a report on the Chapter's activities and its financial health and to help shape its future. Guests with a view to becoming AOC members will be most welcome but will have no voting rights at the AGM.

The programme for the AGM, to be held in the Millennium Suite, is:

1800: Pre-AGM drinks.

1830: AOC AGM after which the Aerosystems Course Best-Paper Awardee 2018 Sgt Kris C Moody will give an unclassified talk on his work.

1945: Finger Buffet.

Members wishing to attend should complete the proforma below and send it by e-mail to Phil Davies as soon as possible. There is **no charge** to attend the AGM and the application is for administrative and RAF Club security purposes only.

To: Phil Davies

E-mail: PhilDavie@aol.com (note, no "S" after PhilDavie!)

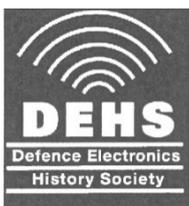
I wish to attend the AOC AGM on **Thursday 22 March 2018**.

Name:

AOC Membership No:

Telephone:

E-mail:



2018 RUSSELL BURNS LECTURE BOOKING FORM

Wednesday 30 May 2018 at the Steam Museum, Fire Fly Avenue, Swindon, SN2 2EY

UK Maritime Surveillance Radars for the RAF, 1950–2010

The DEHS is delighted that this year’s lecture will be given by Prof. Simon Watts, MBE, DSc, FREng, Visiting Professor in the Dept. of Electronic and Electrical Engineering at the University College, London. Until 2013 Simon was deputy Scientific Director and Technical Fellow of Thales and has worked on a wide range of radar and EW projects. He is author and co-author of 80 journal and conference papers, a book on sea clutter and several patents. He is a Fellow of the Royal Academy of Engineering, the IET, IMA and the IEEE.

Registration will be from 10.00–11.00. This will be followed with half-hour lectures by the DEHS President, Keith Thrower OBE on ‘Frequency synthesis in military radio communication’ and by Peter Butcher, Editor of *Transmission Lines*, giving a survey of batteries in military radios. Professor Simon Watts’ lecture will follow the lunch break of a sandwich platter at 13.45 and the day will close at approx. 15.30.

The Museum is located at the Swindon out-of-town shopping centre which has a very large car park close by. Parking is not permitted at the museum.

Please send completed forms as soon as possible but **to reach me no later than 23 May**, together with a cheque for £16 payable to DEHS and posted to **Keith Thrower, 9 The Conifers, Lyefield Court, Emmer Green, Reading, RG4 8AQ**. For queries, either email me or telephone in the evening after.

kthrower@waitrose.com 0118-9474813.

.....
I will be attending the DEHS Spring Lecture on 30 May 2016 [Please tick]:

OR I wish to attend the DEHS Spring Lecture, but need help with transport [Please tick]:

OR I will be attending the DEHS Spring Lecture and am willing to offer a lift [Please tick]:

Name(s).....

Affiliation: DEHS / RAF ARDM / AOC / IET HoT TPN / VMARS / Newcomen Society / None [Please underline as appropriate]

Address.....
.....

Email: Post Code:

Tel: