

20 December 2015



**The President and Board of Directors of the UK Chapter extend their Season's Greetings to all members and their families and wish of you a Happy, Healthy and Prosperous New Year.**

**Review** 2015 has been another excellent year for the UK Chapter. We were recognized again as the AOC Chapter of the Year, making it an unprecedented 4-in-a-row. Success as a Chapter depends on an energetic Board and on members who support the Chapter. So thanks are due to the hard working Board and to all the enthusiastic members who provide support. This year we have also seen an increase in membership to nearly 500 which bodes well for the future – please help encourage more members whenever you can. In terms of international recognition Dr Bob Andrews MBE received the AOC Hal Gershanoff Silver Medal at the 2015 AOC Symposium Gala Dinner. This award is presented to an AOC member to recognize outstanding service in furthering the goals of the Association or its Chapters – BZ Bob! It is the highest award given to a member for service to the AOC. 30 Cdo RM were awarded the AOC NATO EW Operational Award, with a submission based on the one the Chapter used for our award to 30 Cdo on last year. The Chapter recognized the achievements of FS Brendan Monckton, who has flown around 11,500 hours, largely in the airborne EW/SIGINT role, with an AOC Outstanding Service Award. Dr Jim Wickes was presented with the AOC Outstanding Achievement Award, for his career long inspirational leadership and innovation in the field of airborne platform protection, across all services, in the UK, NATO and in the 5-Eyes community. 2015 has also seen a series of awards to individuals and units and several outstanding visits – all of which have been reported in these Newsletters. We intend to do even more in 2016 – and given your support, we will.

**Christmas Dinner 2015** On Friday 11<sup>th</sup> December some 40 members met at the RAF Club for our Annual Christmas Dinner and Awards ceremony. We had a great time – thanks to Phil Davies for organising it, taking the photographs below, and to Kathy Hastings for once again providing the traditional party poppers.



The 2016 Christmas Dinner will take place in the RAF Club on 9 December 2016 – come and join us!

**Cyber Quest 2017 - Cyber Battle Lab - An Opportunity.** Below are parts of 2 messages I received last week that will hopefully be of interest to some of you. I let Major Andrew Stannard know that I would pass it on to UK Chapter members. Hopefully in coming months we will follow up with an article from the Cyber Battle Lab on the wider EW experimentation work being conducted there.

*“Thank you for the offer of publicizing Cyber Quest in the AOC UK Chapter monthly newsletter. I know the Cyber Battle Lab specifically and the US Cyber Center of Excellence more generally, is looking to increase collaboration and work with academia and industry on cyber and EW, including coalition partners.”*

*“We met last week at the Association of Old Crows Symposium and Convention in Washington DC. I work at the Cyber Battle Lab (CBL) in the US Army Cyber Center of Excellence at Fort Gordon, GA. Part of my role is to engage with Industry and Academia as we grow our Cyber and EW experimentation efforts. In particular I am focused on the (inaugural) Cyber Quest event scheduled for 11 - 29 July 2016 with a focus on Cyber SA and EW tactical sensors. Although the industry participation for 2016 is already being down selected, we will be starting the planning for the 2017 event in the next couple of months. For 2017 the CBL I would be interested in building Joint and Coalition and even UK industry involvement. Please feel free to pass on my contact details if you know of any UK military / government elements that may wish to participate this year as assessors / experimental oversight in the White Cell in July 2016. In a broader context the CBL is looking to build wider collaboration across the EW and Cyber fields, please get in touch if there is something that could be mutually beneficial (sharing papers, doctrine, experimentation reports, etc).*

*Regards,  
Major Andrew Stannard  
British Exchange Officer  
U.S. Army Cyber Center of Excellence  
Cyber Battle Lab, Capabilities Development Integration Directorate”*

If you or your company are interested, let me know, and I will put you in contact with Major Stannard.

**Elections I - UK Chapter Elections** The closing date for nominating Board members for all the executive positions on the UK Chapter BOD is 30 December. Details were issued in the Election special newsletter last month and are available on the UK Chapter website.

**Elections II – AOC International Region 1 Director** Dr Bob Andrews MBE has served the maximum 2 terms under AOC regulations as International Region 1 Director on the AOC Board and consequently the AOC is seeking someone to replace him. Travel funds are available for elected Board members to attend US BOD approved meetings and other business is conducted through tele-conferences. The closing date for nominating Board members for all the executive positions on the UK Chapter BOD is 1 March 2016. The UK Chapter Board is keen for a UK member to continue the excellent work that Bob has done over the past 6 years. If you would like to discuss the position feel free to contact me in the first instance through the UK Chapter website contacts page. An election letter and nomination form is attached.

**New Articles** 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. Jacey Wise MBE has once again done us proud with another short article, this time on current radar and EW activities, with an interesting insight into one element of Hybrid Warfare. Julian Grenfell has sent the penultimate part of his excellent and erudite series on EM fundamentals, which beautifully combine theory with history – this time it’s on Radiometry. Finally Chapter member Professor David Stupples sent a link to 2 excellent articles he wrote for “The Conversation”, an academic journal:

<http://theconversation.com/mh17-crash-report-establishes-the-cause-but-only-criminal-investigation-can-find-those-responsible-49178> and <http://theconversation.com/what-police-can-learn-from-a-terrorists->

[discarded-mobile-phone-50939](#) He also sent a link to this article:  
[S-400 Systems Annihilate Targets in Conditions of Electronic Jamming / Sputnik International](#)

David is Professor of Electronic and Radio Systems at City University, London, and he and "The Conversation" have made the articles available through a Creative Commons Attribution NoDerivatives license. I hope you enjoy them – again feedback is most welcome and our Chapter authors would appreciate it. If there is an "inner-author" in you, we would like to see your work and share it. Suitable articles are welcome from all members so if you want to contribute to the Chapter body of knowledge get writing and get in touch!

**Finally** That's all folks - time to raise the drawbridge at Clifford Towers for another year! I wish you all an excellent Christmas and New Year. I've listed a few dates below, where you might consider joining us in 2016. Remember, the UK Chapter is all about you, so please stay engaged and let the Board know what you want. Nominate someone for an AOC award. Feedback is always welcome.



John Clifford OBE  
UK Chapter President

## **SOME DATES FOR YOUR 2016 DIARY**

**UK Chapter AGM** 18:30 Wednesday 16 Mar 2016, RAF Club, London

**AOC EW Europe 2016** 10-12 May 2016, Ahoy Conference Centre, Rotterdam, Netherlands.  
[www.eweuropa.com](http://www.eweuropa.com)

**AOC 53rd Symposium** 29 November - 1 December 2016, **New Venue** Marriott Marquis DC and Convention Center, Washington, DC

**UK Chapter Christmas Dinner** 9 Dec 2016, RAF Club, Awards Dinner, Black-tie preferred, flyer below.

**Watch this space early in 2016 for details of the Chapter visits programme.**

Check out our website at [www.ukaoc.org](http://www.ukaoc.org)

**New EW Job Vacancies can be found under the "News" tab**