



e-DEFENCE ELECTRONICS NEWSLETTER

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HUGH GRIFFITHS WINS IEEE MIMNO AWARD

Professor Hugh Griffiths, our distinguished Burns Lecturer 2014, has been announced by the IEEE as the winner of the 2013 Mimno Award for his papers “*The German WW2 HF Radars Elefant and See-Elefant*” and “*Radar Detection and Tracking of German V-2 Rocket launches in WW2*”, published in the IEEE Aerospace and Electronic Systems [AESS] Magazine in 2013. This IEEE award, which was established to recognize and foster excellence in clear communication of technical material of widespread interest to AESS members, and to honor the contributions of Dr. Harry Rowe Mimno to the AESS, consists of a commemorative recognition plaque and a honorarium of \$1,000. DEHS adds its congratulations to the many already received by Hugh for his richly-deserved achievement in the field of historic radar!

Hugh’s work, which followed his initial ground-breaking papers on the German WW2 *Klein Heidelberg* bistatic radar, showed the value of looking again at the lessons which might be learned from history. This edition of *eDEN* illustrates more topics which fall into that category so beloved of DEHS, those areas of history which ‘deserve to be better known’. In this issue we feature a paper on the **German V1 auto-pilot guidance system by Askania**, written by **Heinrich Temme** who was a senior scientist at Peenemunde and published in the little-known AGARD Proceedings of the April 1956 Munich Conference on the History of German Guided Weapons Development, and we draw attention once again to **Arthur Bauer’s** excellent website www.cdvandt.org where, under ‘V-1-gyro’, you can see the device in close-up, with useful references to YouTube instructional films. We continue with a lesser-known profile, of **Professor Philip Dee** by **Professor Sam Curran**; Dee was, with **Herbert Skinner** and **Bernard Lovell**, one of the earliest British experimenters with the resonant cavity magnetron at Worth Matravers and subsequently at Leeson House, Langton Matravers. Despite his eminence, he was never a PhD! There then follows an fascinating paper uncovered by **Peter Best, son of W/Cdr. Norman Best**, decorated with the MM for D-Day Gallantry on Omaha Beach, and OCR’d for us by the tireless **Mike Dean**, on the problems which occur when radar sets are taken across invasion beaches, in this case on D-Day; *eDEN* readers will recall that we have looked at this subject before, and this original paper adds considerably to our knowledge of the issues encountered – those who have had to get invasion material together in haste in recent times will wince in sympathy with many of these issues, for they occur again and again right up to the present day! We then change tack to look at the **history of the valve division of STC for British naval radar during WW2**, where we publish another article which is little-known, to give credit to an under-

regarded group of researchers. 'Tailpiece' then takes us back to the **V1**, where **Mike Dean** asks us for any help we can give in elucidating the history of the **1944 MEW radar** – answers to me, please, at philjudkins@btinternet.com

eDEN wouldn't be eDEN, of course, without a plea to get your pens out and both book for our Burns Lecture, and buy those of our excellent publications which you haven't got – so get on with it! I look forward to seeing you at the Burns on April 9th!

As always, suggestions for improvements, offers of articles and all general comments to me at philjudkins@btinternet.com

Dr. Phil Judkins, DEHS Chairman.

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