



e-DEFENCE ELECTRONICS NEWSLETTER

The e-NEWSLETTER OF THE DEFENCE ELECTRONICS HISTORY SOCIETY
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The DEHS Autumn Symposium 2013 'Cold War' has received a great many congratulations and thanks, which is very encouraging to your Committee and in particular to the organisers, **Simon Blumlein** and **Dr Mike Diprose**. It was therefore particularly gratifying that Mike was the winner of the DEHS award for his restoration of the 'Village Inn' AGLT radar (including its very rarely seen infra-red Z identification system) and the Kerrison Predictor. Mike is pictured above receiving the award from **M. Luc Berger, Deputy Vice-President of Dassault Aviation**. Instead of presenting the award simply as a cheque in an envelope, DEHS – being aware of Mike's quest for ever more information on the H2S system – had located a rare copy of the **TRE Journal** with a series of papers on H2S and its ASV siblings. Mike's presentation followed a fascinating morning, in which getting to Shrivenham itself proved a major challenge due to a pile-up on the M4! For those who made it in time, **John Stubbington** delivered a superb paper on *EW of the Cold War* period, well up to his usual exacting standard; he was followed by **Tony Helm** who both exhibited and provided further details of some of the *Warsaw Pact equipment* he has been able to locate, with telling comparisons to Western equipment. Our afternoon session opened with the **2013 Burns Lecture**, and Dassault's **Luc Berger** graphically illustrated how *France's aviation industry* developed in a very distinct way from that of the UK – the numbers of aircraft exported, and the long tenures of senior management, causing significant interest. **Jonathan Ayles** then gave one of the most lively and stimulating presentations DEHS has received, showing his research into the complex story of how the first British nuclear weapon, *Blue Danube*, came to be developed – and special reference to a hot water bottle manufacturer from Barnsley! Editing the Symposium papers will be interesting indeed ... !

This month, in addition to pictures of the Symposium (which will be covered in detail in December's *Transmission Lines*) we ask again for help with GEE for the *Electronics Restoration Trust*, in particular whether you can put names to the faces of **Bob Dippy's GEE** team. My main article deals with the RAF's re-run of its bomber missions against reconstituted German radar defences, the *Post Mortem* exercise, and begins to pose some awkward questions which will be pressed home next month. Then, on our World War I theme and the feature last month of *'Sterling' spark transmitter*, I have provided the original instructions for a contemporary receiver, the *Model Td*. *'Special Ops' Board* gives final details of *Arthur Bauer's* unique event for us

later this month – absolutely one not to miss! *Tailpiece* illustrates the equipment used by John Logie Baird to translate typescript to a format where it could be used in interlacing in television transmissions; the front-end equipment needed, as can be seen, is modest, and I end with a preview of December's *eDEN*.

Dr. Phil Judkins, DEHS Chairman.

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