

e-DEFENCE ELECTRONICS NEWSLETTER

The e-NEWSLETTER OF THE DEFENCE ELECTRONICS HISTORY SOCIETY
No 30: January 2015

NEW YEAR FIREWORKS!

In many nations, the advent of New Year is celebrated by fireworks, and so I have taken a 'flash bang' approach to this 30th issue of eDEN - hence the SAS stun grenade above! We first congratulate David Fordham for being the first to give the answers to our Tailpiece Christmas quiz 'I saw three ships come sailing in', and then reflect with sadness on the passing of our good friend Sir Arthur 'Bill' Bonsall, for whom W/Cdr John Stubbington has kindly provided an Obituary. We move on to the GEC 'flash bang' project of 1940-3, with many thanks to S/Ldr Mike Dean, and ask if anyone has further details on this project 'SALI'? Sound and light then figure in my response to a VMARS guery for information on VIE, one of the many developments attributable to our colleague Simon Blumlein's father, that circuit genius Alan Dower Blumlein. Continuing our intent to have information in little-known publications better publicised, we reproduce an article on Radar and the Battle of the River Plate from the perspective of a New Zealand radar pioneer, and then bringing us up to the present day, AOC and DEHS member 'Jacey' Wise writes on Dongles (what? - read his excellent article). Thanks to member Brian Mendes, we can print an article of radar war from the 'sharp end' in the memories of an air raid on a radar site by the late WO1 Jim Humphreys, and reproduce Jim's notes of wartime AA equipment. A press release tells us of the allocation of the French armoured vehicle contract to a consortium of Renault, Thales and Dexter (who? - read the article). For those wondering why the French sometimes feature in eDEN, take a look at Tailpiece, and the slightly stunning (to me, anyway) announcement in December's 'Navy News' that RN pilots are gaining aircraft carrier certification by flying - the Super Étendard, of Falklands fame (in Argentinian hands). Given the certainty of continuing defence cuts post-UK elections, and the (very quiet) announcement that the UK's carriers might, while awaiting the F35, be leased to the USA (!), one wonders quite what, any longer, constitutes UK defence strategy.

There are several DEHS initiatives to report – the first decade of our journal, *Transmission Lines*, is now available on CD; we have news of the good work by *Liz Bruton and Keith Thrower* in arranging our Summer Visit on 7 May to the Churchill War Rooms and the Science Museum Information Age Gallery; and attached to eDEN is a booking form for our <u>Burns Lecture by GCHQ's Professor Niel Kempson</u> on April 9th, so GET BOOKING! - and note particularly my appeal for you to bring along relevant equipment for our exhibition!

As always, suggestions for improvements, offers of articles and all general comments to me at philipudkins@btinternet.com or chairman@dehs.org.uk.

A Happy, Healthy and Prosperous New Year to you all Dr. Phil Judkins, DEHS Chairman.

INDEX

Editorial	1
Index	2
2015 Burns Lecture	3
Answer to Christmas Puzzle "I saw three ships come sailing in"	4
Obituary: Sir Arthur 'Bill' Bonsall <i>W/Cdr John Stubbington</i>	6
New Year Fireworks: Flash Bang <i>S/Ldr Mike Dean MBE</i>	7
VIE: Alan Blumlein and the Sound Locator <i>Dr Phil Judkins</i>	13
Dongles! J C 'Jacey' Wise	19
Radar and the Battle of the River Plate <i>Dr lan K Walker</i>	20
AA Equipment during World War II the late WO1 Jim Humphreys	25
DEHS Summer Visit 2015	33
DEHS Publications	34
NEW: Transmission Lines 1995 – 2006 on CD	35
Scorpion MRAV: Nexter, Renault, Thales contract	36
Ops Board & ICUE 2015	37
Tailniece: Fleet Air Arm flies the Super Étendard from the Charles de Gaulle	39