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## Professional Profile

- 1974 :** From school I joined Plessey Telecommunications Ltd. where I was employed as a Trainee Installation Engineer. The training scheme involved installation and commissioning of mainly 'Strowger' type exchange equipment up to site management level. Whilst I was with Plessey I attended Highbury Technical College for City & Guilds Telecommunications.
- 1977 :** Forthcoming redundancies encouraged me to seek alternative employment. Consequently I terminated my employment with Plessey and took up a self employed position as an Air Conditioning Commissioning Engineer, contracted to Crown House Engineering. This work involved working as part of a team in the setting up and commissioning of newly installed air conditioning plant prior to customer acceptance.
- 1978 :** At completion of contract no further contract was forthcoming and after a period of some five months effectively unemployed, I took up permanent full time employment at Neco Marine, where I was employed in the manufacture and testing of capstans, windlass and electro-hydraulic auto-pilot systems. Whilst at Neco, I attended Highbury Technical College on a day release basis, studying TEC Electronics.
- 1980 :** I obtained a better position and salary with GEC Marconi Defence Systems as an Assistant In Service Support Engineer, responsible for the calibration and maintenance of a large range of "Grey Area" electro-mechanical equipments.

Within two years and with the formation of a new "Test Systems Environmental Support Group" I became involved with many aspects of Environmental Testing, including the calibration and maintenance of Climatic Test Chambers. I have since then progressed through the grading system to become a Senior Environmental Test Engineer the last twelve years concentrating on the application and development of Random Vibration, Swept Sine and Classical Shock Tests/Screens, as well as maintenance / repair of the power amplifier and vibration systems used.

My responsibilities include the formulation, interpretation and implementation of various environmental test programs / procedures and the installation / acceptance of complete systems on / off site, including an installation in Sweden. I have consequently gained experience with various makes / models of vibration control systems. e.g. Spectral Dynamics 2550B, Puma, SD1700, Solartron 1210, SI1215, Gearing & Watson Siras and more recently Data Physics DP550 Vibration Controller. More recently, I have gained valuable experience working with a specialist consultant, developing vibration stress screens for various assemblies and PEC's.

At present my position is that of Principal Environmental Test Engineer, employed by BAE Systems Integrated System Technologies, responsible directly to the Environmental Systems Manager. My responsibilities are for all aspects of vibration testing or screening as well as team leader to the departmental maintenance & calibration workforce.

- Note :** Since 1980 GEC Marconi Defence Systems has changed ownership and name as follows, Marconi Electronic, Alenia Marconi Systems, AMS and at present BAE Systems Integrated System Technologies.

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## Education

<b>1968 to 1974 :</b> GCE O Levels :	Portsmouth Technical High School Mathematics, Physics, English Language, Technical Drawing & Building Craft C.
CSE Grade 1 :	French Language & Geography.
<b>1989, 1991 &amp; 1999 :</b> Short Courses :	Cranfield Institute of Technology. Vibration Testing for Technicians & Engineers. Climatic Testing. Mechanical Shock Testing. ESS for Reliability.
<b>2004 :</b> Vision2learn - Online.	Next Steps in IT.
<b>2006 :</b> Developer Solutions.	Crystal V10 Basic.
<b>2006 to 2007 :</b> Vision2learn - Online.	Essential IT Skills @ Work NVQ Level 2.
<b>2007 :</b> Highbury College Portsmouth.	City & Guilds - Level 3 Certificate for the Inspection and Testing of Electrical Equipment 100/4339/1.

## Professional Membership

Member of [The Society of Environmental Engineers](#) MSEE

## References

References are available on request

## Hobbies and Interests

Since elected departmental Web editor, a position now made obsolete by BAESystems' corporate policy towards intranet content, I have become interested in HTML & Web page design. More recently I have begun venturing into MySQL and php, hence the move to **Dragonfly**, an 'Open Source' CMS, which has allowed me to 'have a site and play with it' so to speak. This in turn has allowed me to develop my skills towards creating my own sites. I also have an interest in aircraft, generally at airshows, along with personal computing

I currently have designed / configured or am administering 7 sites:

[www.environmental.org.uk](http://www.environmental.org.uk) - The Society of Environmental Engineers

[www.ceees.org](http://www.ceees.org) - Confederation of European Environmental Engineering Societies

[www.prtsoc.org.uk](http://www.prtsoc.org.uk) - The Parish Register Transcription Society

[www.guildofeducators.com](http://www.guildofeducators.com) - The Guild of Educators

[www.aozp.com](http://www.aozp.com) - Advanced Ozone Products Ltd.

[www.testhousedirectory.com](http://www.testhousedirectory.com) - The Test House Directory Online

[www.wagtailsdancewear.co.uk](http://www.wagtailsdancewear.co.uk)