

August 1984 to
September 1991

Thorn-E.M.I. Electronics, Hayes, Middlesex (Radar/Military)

<u>Positions held:</u>	Assistant Quality Engineer	(August 1984 - July 1985)
	Quality Engineer	(July 1985 - July 1990)
	Senior Quality Engineer	(July 1990 - September 1991)

Working in the Automatic Test Equipment department, part of the Quality Assurance Organisation operating under procedures AQAP 1 and 13, developing analogue and digital in-circuit test programs on a GenRad GR2272 tester. Developed in-circuit models for all types of components up to processors, peripherals, and P.A.L. devices. Appointed as **System Librarian** (1987), responsible for vetting and controlling all models.

Promoted in September 1989 to **Deputy Engineer In Charge of Department**, and **System Manager** for all departmental machines. Responsible for day-to-day running of the department; management, selection, appraisal, training and counselling of staff; budget forecast and control; justification and selection of new equipment; and development of Quality Assurance systems and procedures. In charge of department for about three months while the Manager was away recovering from a car accident.

Developed software packages for departmental use (DEC RSX Indirect Commands, and in QuickBasic on P.Cs.): C.A.D. net-list to GenRad conversion program; configuration control system for over 700 test programs, disks, servicing, program verification; access-control (security) system for department's P.Cs. Commissioned department's PDP 11/73 Processing Station.

Presentations to staff and visitors (including H.M. Forces), and GenRad User Meetings. Creation and maintenance of departmental Reference Manual (local working practices). Design of test fixtures. Installation of all departmental equipment at another Thorn-E.M.I. site prior to my own relocation to Crawley.

<u>Training:</u>	Q.A. Procedures	Self Management	Specifications Jungle
	Basic Engineering Skills	Economic Design	Design Documentation
	Communication	Report Writing	Q.A. in Design
	P.E.R.T. - Introduction	Structured Programming	Design for Quality
	Software Documentation	Presentation Techniques	Supervision

Education

October 1981
to July 1984

Southampton University, Highfield, Southampton

Qualification: B.Sc. (Hons) in Physics & Electronics

September 1974
to July 1981

The Grammar School, Dartford, Kent

O Levels: English Language, English Literature, Mathematics, Additional Mathematics, French, German, Chemistry, Physics, Music.

A/O Level: Electronics

A Levels: Mathematics, Further Maths., Physics, Chemistry, General Studies.

S Level: Physics

Hobbies and Interests

Organist and Choir Master of Spital Street Methodist Church, Dartford, for 10 years; organist for other local churches. Former Accompanist and Musical Arranger for the London L.D.S. Choir. Honorary Life Member (and ex-Treasurer) of Southampton University Light Opera Society. Musical Director for over 50 amateur Musicals and Shows with local dramatic groups and schools. Musical Director of *Music of the Night* open-air show at Woolwich in 2001 and 2003. Former Leader of Church Youth Clubs and Editor of Church newsletter.

Repairing household electronic equipment. Recording and Sound Engineering for Shows. Playing piano for concerts, choirs, dancing schools, singing and instrumental exams. Playing percussion for local amateur orchestras. Singing with Royal Ballet School choir (auxiliary member of music staff). Youth work and counselling. Eating out. Cinema. Home computing, electronic music creation and arranging, and Internet Surfing!

Basic knowledge of French and German (O level).

Computing Experience

Extensive Use: QuickBasic, Visual Basic (DOS and Windows versions 3-6); DOS and Windows (3.11 to XP); Microsoft Office (various versions); Serif publishing programs; Adobe Acrobat, GoLive, Photoshop; Internet Explorer; Netscape Navigator; Opera Browser; Art & Letters; PagisPro; Palm OS; Psion 5; Eudora email; Sibelius and various MIDI orchestration programs.

Experience of many other packages, and quick learner.