

**NAME OF PERSON** Alan Wiggins  
**NATIONALITY** British  
**YEAR OF BIRTH** 1947  
**HOME LOCATION** Bedford  
**POSITION** Principal Consultant



**QUALIFICATIONS** Associate Member of the Institution of Railway Signal Engineers  
Associate Member of the Chartered Institute of Management  
Member of the Institute of Directors  
HNC Technical and Mechanical Engineering (with technical endorsements in technical administration – Business Studies)  
ONC Mechanical and Electrical Engineering  
Graduate (GCGI) Youth Management & Training  
D32/D33 assessor, including A1/A2 conversion  
PTS Competent  
First Aid at Work trained  
CDM Regulations trained

**KEY EXPERIENCE** Alan has more than 20 years experience in the fields of Railway Signalling and Telecommunications Engineering, Railway Civil Engineering and Railway Construction management, all at senior level. He has proven project management skills and has experience of assignments on railway infrastructure systems throughout the UK and in a number of countries worldwide.

**EXPERIENCE**

**April 2005 to date** **Independent Consultant, Alan Wiggins Associates Ltd**

**Work undertaken during this period:**

Completed an exercise for Network Rail to review Signal Engineering Standards against the structural arrangements associated with the Network Rail Re-Organisation that is planned for 2008. This entailed a thorough review of relevant standards to ensure that the roles and responsibilities defined in the standards were revised to reflect the new organisation structures.

Alan has recently been involved in the production of GRIP 4 Signalling and Telecommunications studies for Kilborn Consulting Limited, working mainly on the Tunbridge Wells 12 car Turnback Siding and on Wakefield Westgate Station Redevelopment. This has involved the production of the initial Outline Project Specification and the Project Programme, along with the peer review of various documents.

Provided signalling and telecommunications engineering and construction management expertise, including project assessments of the Basingstoke Area Infrastructure Upgrade project, for the board of Geoffrey Osborne Ltd, (GOL) in respect of their civils engineering works of the above project.

Involved in the continued project planning and management of railway operations and possession management to support the civil engineering works of GOL, Alan provided signalling and telecommunications engineering support to GOL up to and including the Stage 1 Blockade and commissioning.

Carried out peer reviews of Expert Witness statements on behalf on TSSC Ltd, in respect of legal submissions for court proceedings.

Provided signalling and telecommunications engineering and construction management support to the Integrated Kent Franchise (IKF) Project. Alan covered the signalling engineering of the Ashford & Ramsgate depot upgrades for the GRIP 3 study. This included providing support to the telecoms interests, including pre-construction surveys.

Alan supported Jacobs Engineering Ltd in the completion of engineering surveys in respect of re-signalling issues for the East Kent Re-Signalling scheme.

Involved in witnessing Power Supply Points (PSP) testing for Signal Solutions Limited on the Sandbach – Wilmslow section of the WCRM, Alan represented Network Rail to verify the Commissioning Testing of new PSPs being conducted by AMEC.

**July 1999 to April 2005**

**Director, Hawthorns Project Management Limited**

Directly responsible for the management of all signalling and telecommunications activities of the Bedford Design and Testing Offices and the 50 staff employed there; Alan's work encompassed all Signalling Design and Testing works conducted from this location. Alan was responsible for all tender submissions and bid management undertaken by the company.

During this time he also undertook the role of Commissioning Manager for a variety of testing works including:

- The main line interface works at both Dagenham and Stratford in support of the Channel Tunnel Rail Link (CTRL).

Alan also assisted in the production of Quality and Safety Procedures enabling the organisation to achieve ISO 9001:1994 accreditation and the later conversion to ISO 9001:2000.

During this period Alan was engaged on the following key projects via a secondment arrangement:

- **October 2000 – March 2001 Consultant to May Gurney (Construction) Ltd**

Provision of Technical Project Management for the design and engineering processes in support of the TPWS East Anglia Project. The role included liaison with Railtrack (now Network Rail), the central TPWS team, various disciplines within the May Gurney core TPWS team, the design houses supporting the project and a variety of other suppliers to the project. A working knowledge of the signalling principles for mechanical, electro mechanical RRI and SSI interlockings and their associated systems and equipment proved essential for the successful completion of the project.

- **April 2000 – October 2000 Consultant Project Manager to GrantRail Ltd**

Signalling Project Manager in support of minor signalling works in Anglia Region, overseeing re-signalling schemes and the provision of signalling and telecommunications engineering support to rail maintenance and re-railing schemes. The role involved production of outline project specifications and method statements, conducting site surveys, supervision of installation and commissionings and liaison with the client and contractors.

- **July 1999 – September 1999 ALSTROM SA (France)**

Project Manager, based in Jakarta, Indonesia, responsible for the final implementation aspects of the A & B commuter lines upgrade from RRI to SSI (4 ½ interlockings), together with oversight of the design, installation and commissioning of 23 locally controlled level crossings to SSI control.

**June 1996 to July 1999**

**Head of Construction, ALSTOM Signalling Limited (Formerly GEC ALSTHOM Signalling Ltd)**

During his appointment as Head of Construction, Alan was responsible for all aspects of construction, including signalling and telecommunications engineering, undertaken by the company worldwide.

In particular, he was responsible for the following projects:

- Guildford Area Resignalling;
- Manchester East Resignalling;
- Signalling works on London Underground;
- Resignalling on the Canton and Kowloon Railway in Hong Kong;
- Resignalling work for Irish Rail in Southern Ireland;
- Project Management of SSI data preparation for Jakarta resignalling in Indonesia.

**January 1995 – June 1996**

**Project Manager (Installation) East Anglia Region, ALSTOM Signalling Limited**

During this period Alan was responsible for all installation management for the following:

- London, Tilbury Southend Resignalling project,
- Great Eastern Main Line Resignalling Phases I and III;

He also provided input to a number of other schemes as listed below:

- Technical advisory duties for the Chiltern Resignalling Project;
- Technical advisory duties for the Swiss Stage 4 Resignalling Project; and
- Technical advisory duties for the resignalling projects on the North London Lines.

**June 1994 – January 1996**

**Project Manager London Tilbury to Southend Resignalling Project,  
ALSTOM Signalling Limited**

Whilst working for ALSTOM Alan was responsible for 150 staff engaged in all construction and installation aspects for the London Tilbury and Southend re-signalling scheme, based in Barking, Essex. Project disciplines included re-signalling, telecommunications, civils, and power supplies.

**October 1993 to June 1994**

**Project Manager, Finchpalm Limited**

Alan held the position of General Manager, Construction, for Signalling and was responsible for organising teams involved in the signalling and civil engineering works carried out on the London Underground Central Line project.

He was also involved in a number of civils and signalling projects carried out by Finchpalm on behalf of Network Rail. Procurement of additional work and the organisation of tenders were also his responsibility.

**September 1985 to October 1993**

**Project Manager, GEC Alsthom Signalling Ltd**

Originally employed as Planning Manager working on all projects, Alan was transferred to the role of Project Manager working on a variety of signalling projects including:

- Signalling installation on the Channel Tunnel;
- Thailand Colour Light Re-signalling project; and
- The London, Tilbury and Southend Lines Re-signalling scheme.

**January 1972 to September 1985**

**Hunting Engineering Limited**

Originally employed as Planning Manager, Alan was seconded to the MOD to work on a number of projects, before returning to the Head Office of Hunting Engineering Limited to work as a Project Engineer. He also liaised with RAF service personnel on technical support and maintenance issues.

**June 1970 to January 1972**

**Westland Helicopter Limited**

Alan worked as a Systems Engineer responsible for the development of the flying control system and carrying out test studies on various helicopters.

**August 1966 to February 1970**

**Handley Page Aircraft Limited**

Employed as part of an Engineering Apprenticeship scheme, Alan developed bench and machine tools skills and was seconded to various departments to gain experience.

**Interests**

Reserve Officer in Royal Airforce Volunteer Reserve (Training Branch) with the rank of Squadron Leader; acting as Regional Media and Communications Officer for Central and East England, advising on and promoting the image of the Air Cadets and the RAF.

**Languages**

English (Mother Tongue)

**Spoken**

Yes

**Written**

Yes

**Reading**

Yes