



BRIEF CV's OF SENIOR STAFF

Web site: www.elite-antennas.com

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Dr. H. R. Holliday PhD., CEng.,FIET, MIEEE.

Managing Director / Microwave Engineer

Richard Holliday spent 15 years at RSRE (now DSTL / QinetiQ) before founding his own company, Q-par Angus Ltd, in 1973. His work at Q-par included the design of microwave devices and systems including many types of antennas. Special emphasis was on millimetric components and techniques, which find application in research, industry and the services, and also in radar and communication systems. Dr. Holliday has considerable experience in the mechanical and electrical design of multi-axis antenna positioners. Q-par Angus was sold in April 2013.

His technical work at Elite Antennas involves the design of antenna feeds and other components largely at Satcom frequencies. Currently his designs include novel antennas for surveillance. He also provides mechanical design advice and assistance.

He was awarded a PhD at Manchester Metropolitan University for research on Large Area Solid State Silicon Microwave Devices. He is an Honorary Senior Research Fellow of Birmingham University.

Alastair J. T. Holliday BA (Hons).

Chief Engineer

Alastair has a Fine Arts degree from Staffordshire University. He has City and Guilds with distinction in Automotive Engineering and has completed courses in Electrical Systems and Wiring to IEE standards. Alastair has extensive "hands on" experience of engineering design and manufacture. He is experienced in the use of Solidworks and in CNC programming. Prior to Elite Antennas Alastair worked for Q-par Angus and gained experience in a wide variety of sectors of engineering.

His current work includes the mechanical design of high accuracy large reflector antennas for Ka band, and robust antennas for special applications.

Dr Paul Klasmann PhD

Antenna and Measurements Engineering

Paul joined Elite in November 2013. He obtained his MEng in Electronic Engineering and PhD (Terahertz and sub-mm planar multipliers) from UMIST, during which time he gained experience at Roke Manor and Siemens PLC. He worked for 8 years at Q-par Angus Ltd. designing a wide range of microwave and millimetre-wave components for civil, defence and research applications. These included ultra wideband spiral antennas, horn and lensed antennas, reflector feeds and shaped reflectors, narrow and broadband polarisers, Gunn diode cavities, planar and waveguide couplers. His duties involved computer modelling with commercial and in-house electromagnetics design software to simulate antennas and components and to ensure customer specifications are met. He built and

tested prototypes and was responsible for the anechoic chamber for radiation pattern and gain measurements.

New components which Paul has developed are leading to new markets and to deeper penetration into existing markets. He is currently working on electro-magnetic modelling of wideband antennas for new applications.

Julian Robbins B Eng (Hons)

Marketing and IT Manager

Julian joined Elite in early 2014. His BEng degree in Communications Engineering from the University of Plymouth enabled him to specialise in RF and Microwave topics and Digital Signal Processing. He worked at Thomson Marconi Sonar and for Filtronic Components (now Teledyne) before joining Q-par Angus Ltd where he spent 16 years in various roles including microwave development engineer; applications engineer; business development manager; web marketing and IT manager and technical sales engineer. He therefore has extensive experience of the technical fields covered by Elite as well as valuable skills in IT and marketing.

Paul Wheatcroft BSc (Open), MBA

Sales Manager

Paul became Sales Manager at Elite in May 2015. He previously worked for 10 years for ARA Inc (USA) as their Director of Sales and Marketing in Europe, managing all aspects of sales including product roll-outs, key accounts, contract negotiations, order fulfilment and invoice collection. He worked directly with a team of representatives and agents across Europe. He was responsible for sales plans, project managing exhibitions and conferences, and building demand in target markets. Previous experience was with APD Communications, Nokia and similar forms. Paul brings a considerable depth of experience to Elite. He is currently re-organising the company's representative network and revising data sheets and other information sent to customers, as well as dealing with daily sales enquiries.

Andrew Coleman

Workshop Manager

Andrew has 16 years experience of hand spinning and 5 years experience as a programmer / setter of Leifeld PNC spinning machines. He also has wide experience of welding and fabrication. He has been a team leader and manager for 9 years in his previous employment and at Elite Antennas.



John Ashfield

Production and Quality Manager

John has over 40 years previous experience in the antenna industry, much of this time in the role of production manager at Precision Antennas Ltd.