

CLIVE A. JACKSON BSc., MSc., Ph.D., C.Eng., MIET

ACADEMIC PUBLICATIONS

Jackson, C.A. [2007], Windfarm characteristics and their effect on radar systems, International Conference on Radar Systems 2007 [Accepted].

Jackson, C.A.; Butler, M.M., [2007], Options for the mitigation of the effects of windfarms on radar systems, International Conference on Radar Systems 2007. [Accepted]

Jackson, C.A. et. al. [2007], Spectrally efficient radar systems in the L and S bands, International Conference on Radar Systems 2007. [Accepted]

Jurand, T.; Van den Berg, A.; Jackson, C.A., [2003], SPECTROC: Spectrum Occupancy. (Also presented as poster at IEE 1st International Waveform Diversity and Design conference 2004)

Jackson, C.A.; Warrington, E.M., [2003], An efficient means of implementing spatial filtering of HF signals propagated over high latitude HF communication paths for the purposes of improving data throughput, HF Radio Systems and Techniques, 2003. Ninth International Conference on.

Warrington, E.M.; Jackson, C.A.; Lundborg, B., [2001], The directional diversity of HF signals received over high latitude paths and the possibility of improved data throughput by means of spatial filtering, Antennas and Propagation, 2001. Eleventh International Conference on (IEE Conf. Publ. No. 480) , Volume: 1, pp. 378 –382

Warrington, E.M.; Jackson, C.A.; Lundborg, B., [2000], Directional diversity of HF signals received over high latitude paths, and the possibility of improved data throughput by means of spatial filtering, Microwaves, Antennas and Propagation, IEE Proceedings - , Volume: 147 Issue: 6, Dec. 2000, pp. 487 –494. [IEE Maxwell Premium award for the best paper published in the journal for the year 2000 – 2001.](#)

Warrington, E.M.; Jackson, C.A.; Stocker, A.J.; Jones, T.B.; Lundborg, B., [2000], Observations of the directional characteristics of obliquely propagating HF radio signals and simultaneous HF radar measurements, HF Radio Systems and Techniques, 2000. Eighth International Conference on (IEE Conf. Publ. No. 474), pp. 243 –247

Warrington, E.M.; Jackson, C.A., [1997], Some observations of the directions of arrival of an ionospherically reflected HF radio signal on a very high latitude path, HF Radio Systems and Techniques, Seventh International Conference on (Conf. Publ. No. 441), 1997, pp. 65 –69

EXTERNAL PUBLICATIONS

The Report of an Investigation into the Characteristics, Operation and Protection Requirements of Civil Aeronautical and Civil Maritime Radar Systems, Ref: 45002656 Alenia Marconi Systems Limited, October 2002 for the UK Radiocommunications Agency. Contract AY4051(510007288) (<http://www.ofcom.org.uk/static/archive/ra/topics/research/topics/s-studies/civil-radio-systems.pdf>) – co-author.

SPECTROC: Spectrum Occupancy (3 staged reports + Executive Summary) for Western European Armaments Group (WEAG) - co-author

Study into Spectrally Efficient Radar Systems in the L and S Bands, BAE Systems Insyte, July 2006 for Ofcom. (<http://www.ofcom.org.uk/research/technology/overview/ese/sers/>) - principal author

Technical and Operational Feasibility Study on The Use of Additional Sensor(s) to Mitigate Round 2 Offshore Windfarms in the Greater Wash Area Doc. Ref.: SP-A21523-18302-RPT-PUBLISHED August 2005 for DTI/Uk MoD. (<http://www.dti.gov.uk/energy/sources/renewables/publications/wind/page24196.html>) - author

Technical and Operational Feasibility Study on the Use of Additional Sensor(s) to Mitigate Round 2 Offshore Windfarms in the Greater Wash Area Extension Study Doc. Ref.: SP-A21523-18303-RPT November 2005 – principal author

Report on Phase 1 Demonstration trials of the Advanced Digital Tracker (ADT) wind farm mitigation option at Clatter, 2005, for BWEA - co-author

Primary radar interaction study for proposed wind farm site at Aire and Calder, Pollington, Yorkshire, August 2006, for E.ON Renewables, Ref: 45006834 - author

Primary radar interaction study for proposed wind farm site at Tween Bridge, Thorne, Yorkshire, August 2006, for E.ON Renewables, Ref: 45006833 - author

Feasibility study on the use of technical options for the mitigation of the effects of the proposed Tween Bridge wind farm on Doncaster Sheffield airport radar, January 2007, for E.ON Renewables – principal author

Assessment of the impact and mitigation of proposed Cirrus Shell Flat Array windfarm on surrounding radars, Final Report, January 2007 for Shell WindEnergy UK, Ref: 45008205 - author

CONFERENCES & SYMPOSIA

2007 IET International Conference on Radar Systems (Presenter)

2007 NATO Windfarms Summit at Main Building, Whitehall

2006 Ofcom R&D Symposium at Plaisters Hall (Delegate)

2006 IET Waveforms Diversity and Design Symposium (Delegate)

2006 NATO Windfarms Summit at Main Building, Whitehall (Only Industrial representative)

2005 Ofcom R&D Symposium at Institute of Directors (Presenter)

2005 BWEA 27th Annual Conference and Exhibition (Delegate and Exhibitor)

2004 IEE First International Conference on Waveforms Diversity and Design, 2004 (Poster)

2003 IEE Ninth International Conference on HF Radio Systems and Techniques, 2003. (Presenter)

2002 IEE Making the most of the radio spectrum (Delegate).

1999 International Union of Radio Science (URSI) Conference, University of Leicester (Delegate)

COURSES

44th Culham Plasma Physics Summer School, July 2007

BAE Systems Insyte internal course, Presentation skills, June 2007 – 2 day course

IET Lifeskills Presentation skills - Evening course organised by local IET region

IET Lifeskills Negotiating skills - Evening course organised by local IET region

Systems Engineering for Practitioners - 1 week residential course on the principles and practice of systems engineering with particular application to BAE SYSTEMS and its joint ventures. Dunchurch Hall, Warwickshire, October 2001

Introduction to GEDAE - 1 week introductory course on the use of GEDAE with practical examples. BAE SYSTEMS Advanced Technology Centre, Great Baddow, Essex. October 2002

Introduction to radar systems - 1 week internal course introducing basic radar principles, October 2001