



15th Conference & Exhibition
 11-12 May 2010
 Berlin, Germany



Courtesy of T Osborne

“The EW 2009 conference was a tremendous success, and the opportunity to visit with members of the international EW community was extremely valuable.”

Lieutenant General Robert J Elder Jr, USAF, Former
 Commander, 8th Air Force

Registered visitors
 attend the
 exhibition for **FREE**

Keynote Address:

Lieutenant General Friedrich Ploeger,
 Executive Director Joint Air Power Competence Centre,
 Germany

Top speakers include:

Colonel Laurie Buckhout,
 Chief, Electronic Warfare Division, Army Staff,
 United States Army, USA

Lieutenant General Robert J “Bob” Elder, USAF (Ret’d),
 Research Professor, George Mason University, Former
 Commander, 8th Air Force, USA

In collaboration with:



Partners:



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For all event updates visit www.shephard.co.uk/events

THE global electronic warfare conference and exhibition

Electronic Warfare is held in collaboration with the Association of Old Crows, and is strongly supported by European and international industry.

What will Electronic Warfare 2010 cover?

Analysis of operational lessons and recognition of the need for new concepts are raising new possibilities and requirements for EW around the globe. Lessons about the importance of EW once forgotten have been relearned, but at great cost. To ensure an enduring EW capability, leaders are now looking to develop and implement EW strategies to ensure preparedness in future.

The conference will enable informed debate on force development, interoperability and the integration of EW.

NATO and many nations around the world are beginning to understand how the electromagnetic operational environment or EW domain, including EW, is critical to operations in all the warfare domains that are as effective – and safe – as possible. Experimentation and force development have demonstrated how this electromagnetic environment, and within it EW, work with the other operational environments of the land, sea, air and space, and the information environment.

This global EW event is helping to shape the future of EW by gathering the best and most original thinkers and practitioners together in Berlin at a critical juncture.

Past Electronic Warfare events have attracted:

32 countries **438** attendees **45** exhibitors

Venue Information

Estrel Convention Center

Sonnenallee 225,
12057, Berlin
Germany

Tel: +49 (0)30 6831 22225
Fax: +49 (0)30 6831 2357
Web: www.estrel-hotel.com



The Corporate Team in conjunction with Shephard has arranged special rates for delegates attending the event.

If you wish to contact The Corporate Team please quote ID Number: 10046EW

Tel: 44 (0) 207 592 3050 Fax: 44 (0) 207 828 6439 E-Mail: events@corporateteam.com
Or visit www.corporateteam.com/events/10046EW for an online hotel booking form.

WHO WILL BE ATTENDING EW 2010?

- International EW Leaders
- Front-line Forces
- Operational Commanders
- Operators and Planners
- Ministry of Defence Staffs
- Intelligence and Communication Branches
- Programme Managers
- Acquisition Personnel
- Logisticians
- Engineering Staff
- Global Industrial Leaders
- 40 Nationalities Including Delegates from Europe, the Middle East, Asia, the Pacific Region and the Americas

...FROM THE FOLLOWING ORGANISATIONS

- Maritime, Land and Air Forces
- Headquarters
- Defence Ministries
- Defence EW Centre
- Joint EW Center
- Defence Spectrum Operations
- Integrated Project Teams
- Defence Laboratories
- Defence Test and Evaluation Organisations

WHO WILL BE EXHIBITING?

- Prime Contractors
- Small and Medium Enterprises
- Research Organisations
- EW System and Component Suppliers
- RF, IR and C-IED CM
- SIGINT, ES and ESM System Manufacturers
- RF and IR Engineering Services Providers
- EW Training Companies
- Database Consultants
- EW Test Equipment Suppliers
- Suppliers of Logistics Support

DELEGATE PACKAGE INCLUDES:

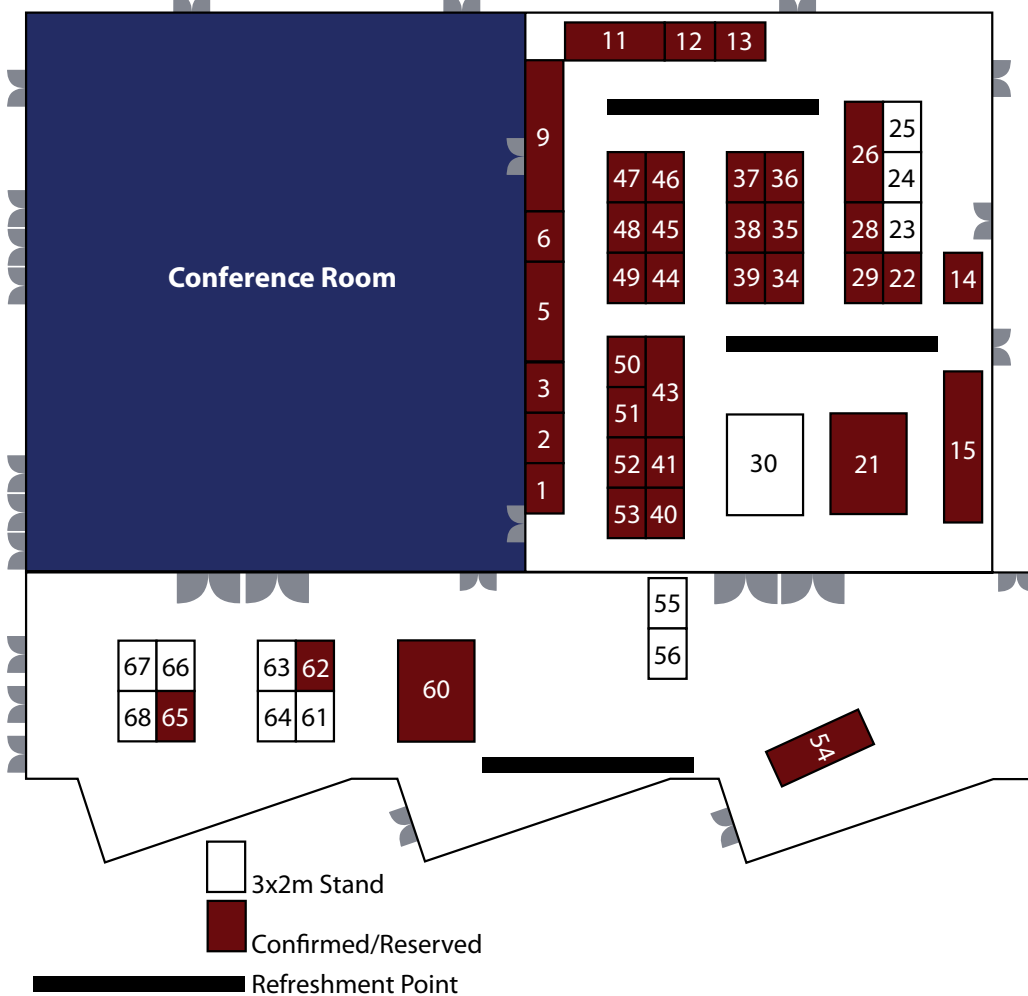
- Executive package with list of all attendees, speakers' biographies and presentation synopses, and online access to presentations after the conference
- FREE copy of Electronic Warfare Handbook 2010
- FREE one-year subscription to *Digital Battlespace* magazine
- UNLIMITED ACCESS to conference sessions and exhibition arena
- FREE copy of the *Journal of Electronic Defense (JED)*
- FREE INTERNET access
- Conference support to delegates
- High-quality catering during conference
- Superb exhibition space

To book your delegate place email bookings@shephard.co.uk or call **+44 (0)1753 727017**



Image courtesy of US Navy
Photo taken by Jason R Zalasky

Leading industry partners will demonstrate the latest technology and how innovative capability management will benefit governments, the military and their industrial partners.



- | | | |
|------------------------------|-------------------------------------|---------------------------------|
| 1. Eonic | 28. Times Microwave Systems | 46. Lockheed Martin UK |
| 2. Tektronix | 29. Systematic | 47. LS Telecom AG |
| 3. Maxtek Components Corp. | 30. ELTA Systems Ltd. | 48. MEDAV GmbH |
| 5. Chemring Group | 34. Enterprise Control Systems | 49. MC Countermeasures Inc |
| 6. Symetrics Industries LLC | 35. Abacus EW Consultancy Ltd | 50. Meggitt Avionics |
| 9. Northrop Grumman | 36. Ultra Electronics Telemus | 51. Grintek Ewation (Pty) Ltd |
| 11. PLATH GmbH | 37. Roke Manor Research Ltd | 52. IZT |
| 12. Wallop Defence Systems | 38. Poynting Antennas (PTY) Ltd | 53. Teledyne Defence Limited |
| 14. EW Simulation Technology | 39. Tactical Technologies Inc (TTI) | 54. RUAG Aviation |
| 15. Terma A/S | 40. Empower RF Systems | 60. EADS |
| 21. SELEX GALILEO | 41. e2v | 62. ESL Defence Ltd. |
| 22. Plextek | 43. ITT | 65. Association of Old Crows UK |
| 26. L-3 Communications | 44. Annapolis Micro Systems AB | |
| | 45. MASS | |

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Electronic Warfare 2010

Programme day one – Tuesday 11 May 2010

THE GLOBAL EW CONFERENCE

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

SESSION ONE – WELCOME – EW IN THE 21ST CENTURY

09.00	CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley, RAF (Ret'd) , Senior Military Advisor, The Shephard Group, UK
09.10	WELCOME ADDRESS Alexander Giles , CEO, The Shephard Group, UK
09.20	KEYNOTE ADDRESS Lieutenant General Friedrich-Wilhelm Ploeger German Air Force , Commander German Air Force Air Operations Command; Commander CAOC 2; Executive Director Joint Air Power Competence Centre, Germany
09.45	OPENING ADDRESS <i>TBC</i>

10.15 - 10.45 – REFRESHMENTS AND EXHIBITION

SESSION TWO – EW AND LAND/AIR WARFARE

10.45	OPERATIONAL EXPERIENCE OF ELECTRONIC WARFARE <i>TBC</i>
11.10	THE INFLUENCE OF EW ON CURRENT OPERATIONS Dr Richard Wittstruck PhD , Chief Systems Engineer, Program Executive Office/Intelligence, Electronic Warfare and Sensors, US Army, USA
11.35	CHANGE: EW IN THE US ARMY Colonel Laurie Buckhout , Chief, Electronic Warfare Division, Army Staff, US Army, USA
12.00	LAND/AIR EW INTEGRATION – EW COORDINATION CENTRE Lieutenant Colonel Chris "Welby" Wellborn , Commander, 563 FTS, US Air Force, USA

12.30 - 14.00 – LUNCH AND EXHIBITION

SESSION THREE – EW AND THE INTERNATIONAL ARENA

14.00	EW IN NATO <i>TBC</i>
14.25	EUROPEAN DEFENCE AGENCY – EW REQUIREMENTS <i>TBC</i>
14.50	NATO JOINT EW CORE STAFF Commanding Officer , NATO Joint Electronic Warfare Core Staff (JEWCS), UK
15.15	EXPERIMENTATION AND NATO TRANSFORMATION – DEFENCE AGAINST TERRORISM Hauptmann Herbert Hopp , Chairman, NATO SIGINT/EW Working Group, German Air Force, Germany

15.40 - 16.10 – REFRESHMENTS AND EXHIBITION

SESSION FOUR – EW DEVELOPMENTS

16.10	<i>TBC INDUSTRY REPRESENTATIVE</i>
16.30	<i>TBC INDUSTRY REPRESENTATIVE</i>
16.50	<i>TBC INDUSTRY REPRESENTATIVE</i>
16.50	CLOSING REMARKS

17.15 - 18.45 – DRINKS RECEPTION

Electronic Warfare 2010

Programme day two – Wednesday 12 May 2010

THE GLOBAL EW CONFERENCE

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

SESSION FIVE – FUTURE DIRECTION OF EW

09.00	CHAIRMAN'S OPENING REMARKS John Clifford OBE , EW Advisor, The Shephard Group, UK
09.10	KEYNOTE ADDRESS – FUTURE DIRECTION OF EW Lieutenant General Robert J (Bob) Elder , US Air Force (Ret'd), Former Commander, 8th Air Force; Research Professor, George Mason University, USA
09.35	UK COMMON DAS STRATEGY Wing Commander Simon Grapes , Royal Air Force, Ministry of Defence, UK Equipment Capability – Theatre Airspace, UK
09.50	MARITIME EW – THE US PERSPECTIVE Captain Paul Overstreet US Navy , Program Manager PMA-272, Advanced Tactical Aircraft Protection Systems, USA

10.15 - 10.45 – REFRESHMENTS AND EXHIBITION

SESSION SIX – CAPABILITY DEVELOPMENT

Chairman: **Colonel Marshall Denney III**, Director

10.45	EVOLUTION OF JOINT EW Lieutenant Colonel Jesse "Judge" Bourke , Joint EW Center, Lackland Air Force Base, US Air Force, USA
11.10	AIR COMBAT COMMAND EW VISION AND TRANSFORMATION EFFORTS Colonel Joseph M Skaja Jr , Chief EW Transformation ACC, Langley Air Force Base, USA
11.35	JIEDDO BRIEF <i>TBC</i>
12.00	OPEN FORUM

12.30 - 14.00 – LUNCH AND EXHIBITION

SESSION SEVEN – THE ELECTROMAGNETIC ENVIRONMENT

14.00	EW CAPABILITY Ronald D "Fog" Hahn , Deputy Director, Joint EW Center, Lackland Air Force Base, USA
14.20	LASER PROTECTION FOR HELICOPTER AIRCREW Lieutenant Colonel Horst Rieker , S3 EW Officer, German Air Force, Germany
14.40	OPEN FORUM

15.00 - 15.30 – REFRESHMENTS AND EXHIBITION

SESSION EIGHT – THE ELECTROMAGNETIC DOMAIN

15.50	<i>TBC INDUSTRY REPRESENTATIVE</i>
16.10	<i>TBC INDUSTRY REPRESENTATIVE</i>
16.20	<i>TBC INDUSTRY REPRESENTATIVE</i>

16.30 – CONFERENCE CLOSE

ELECTRONIC WARFARE 2010 VISITOR REGISTRATION & DELEGATE BOOKING

For enquiries call +44 (0)1753 727017 or email bookings@shephard.co.uk

Fax this form back to +44 (0)1753 727002

section **A** YOUR INFORMATION (all fields are mandatory)

Title: _____ First name: _____ Surname: _____

Job title: _____ Organisation: _____

Address: _____

Post/Zip Code: _____ Country: _____

Telephone: _____ Fax: _____ Email address: _____

Which of the following best describes your job title?

- General Officer/President/MD/CEO Junior Officer/Junior Management NCO Operator Other (please specify)
 Senior Officer/Senior Management Executive Analyst Technician

Please indicate your selection clearly using a tick and delete where applicable.			Rates EXCLUDE 19% German VAT.	
Delegates	Standard rates	5% Discount Groups 3 to 5 Delegates *	10% Discount Groups 6 to 10 Delegates *	25% Discount One-day rate *
Industry rate	<input type="checkbox"/> €1,299.00	<input type="checkbox"/> €1,234.05	<input type="checkbox"/> €1,169.10	<input type="checkbox"/> €974.25
Exhibitor/AOC Members rate	<input type="checkbox"/> €1,000.00	<input type="checkbox"/> €950.00	<input type="checkbox"/> €900.00	<input type="checkbox"/> €750.00
SME rate (Businesses with 250 employees or less)	<input type="checkbox"/> €779.00	<input type="checkbox"/> €740.05	<input type="checkbox"/> €701.10	<input type="checkbox"/> €584.25
Military/Government rate	<input type="checkbox"/> €389.00	<input type="checkbox"/> €369.55	<input type="checkbox"/> €350.10	<input type="checkbox"/> €291.75
OF5 and above plus Civil Servants Band B2	<input type="checkbox"/> FREE (subject to availability)			
Visitor Exhibition Pass	<input type="checkbox"/> FREE - 10.00-12.00/14.00-16.00 - excludes refreshments, lunch and conference admittance			
Total number of delegates attending: _____				

* For group bookings please photocopy this form and repeat section A for each additional delegate (all rates listed are per delegate)

section **B** Please complete if you are a paying delegate

PAYMENT METHOD (TICK AS APPROPRIATE)

Invoice

Please send me an invoice

Cheque

Enclosed is my cheque for €

Please include 19% of German VAT

Cheques should be made payable to:

Shephard Conferences and Exhibitions Limited

Bank Transfer

Transfer to: **Shephard Conferences and Exhibitions Limited**, National Westminster Bank plc, 63 High Street, Burnham, BUCKINGHAMSHIRE, SL1 7JU, UK

EURO Account number 550-00-40199142

Swift code NWB KGB 2L

Card

Please debit my: AMEX Mastercard Visa the sum of €

Card number:

CVN: found on reverse of card

Expiry date: / Start date: /

Signature of card holder: _____

Date: / /

Credit card payments for sponsorship and exhibition packages will be subject to a surcharge of 2.5%.

Signature _____ Date / /

DATA PROTECTION

Your details will be held confidentially and will only be used by The Shephard Group to process your order and provide you with additional news and information on Shephard products. Occasionally we may make our lists available to carefully screened third parties.

- Place a clear X in the box if you do not wish to receive information of interest from other companies approved by The Shephard Group.
 Place a clear X in the box if you do not wish to receive information about new events and offers from The Shephard Group.

DELEGATE TERMS AND CONDITIONS

1. No delegate will be allowed into conference sessions unless full fees have been received prior to the event.
2. Registrations within 7 days of the event must be made by credit card.
3. Delegate places may not be shared.
4. Substitution of delegates is permitted, provided that the organisers are informed in advance in writing.
5. Once a booking form has been received by the organisers and joining instructions issued, any cancellation, which must be received in writing, will be subject to the following:
 - All cancellations received more than one calendar month prior to the event will be subject to a 10% administration fee.
 - No refund of delegate fees will be made for cancellations received within one calendar month of the event.
6. By providing your email address on this booking form, you consent to The Shephard Group using this to inform you of other products and services.
7. These terms and conditions apply to delegate bookings only. Exhibitor terms and conditions can be obtained on request.