

SHEPHARD AOCi
ELECTRONIC Warfare

16th Exhibition & Conference
 25-27 May 2011
 Estrel Convention Center
 Berlin, Germany



Now with a
COMINT Day
 on 25 May 2011

REGISTER ONLINE
shephard.co.uk/events
 Free exhibition entry

Key speakers include:

Lieutenant General Friedrich Wilhelm Ploeger, German Air Force, Deputy Commander HQ Allied Air Command, Ramstein, Germany

Colonel Thomas Lorber, German Air Force, Chief, Air and Missile Defence Branch, Operations Division, NATO International Military Staff, NATO HQ, Belgium

Captain Peter Kenward, Director NATO Joint EW Core Staff, GBR N

Colonel Joe 'Hajji' Skaja, Chief, EW, IO and DE Division, ACC/A8I Air Combat Command, USAF, USA

Colonel Laurie Moe Buckhout, US Army (Ret'd) President-Elect, International AOC, US

Walter Wolf, President, International AOC, Washington DC, USA

*1 Courtesy of armasuisse ISSYS Self Protection Solution from RUAG

*2 Courtesy of Lockheed Martin

*3 Courtesy of BAE Systems

In collaboration with: COMINT Day Sponsor: Event Lead Sponsors:



Event Sponsors:



Official Media:



Media Partners:



The global electronic warfare conference and exhibition

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

Now in its 16th year, Electronic Warfare 2011 promises to continue the established tradition of being the biggest and best global EW event. The conference seminars use the top internationally recognised speakers and authorities on EW issues including military personnel, politicians, scientists and engineers.

COMINT Day

PLATH has partnered with the Shephard Group to provide an additional COMINT seminar on Wednesday 25 May 2011. This will be the first international event specialising in COMINT.

EW 2011 is shaping up to be the biggest Shephard/AOCi EW exhibition ever with the world's top EW companies taking part, and it will again include innovative ideas and opportunities for participation. EW 2011 will cover the land, maritime, air/space and EM environments.

Delegate Package

- Executive package with list of all attendees, speakers' biographies and presentation synopses, and online access to presentations after the conference
- Free 12-month subscription of either *Digital Battlespace*, *Defence Helicopter* or *Land Warfare International*
- Free copy of Electronic Warfare Handbook
- Unlimited access to conference sessions and exhibition
- Conference support to delegates
- High-quality catering during conference

Who will be exhibiting?

- Systems Integrators
- EW Systems Manufacturers
- EW Component Suppliers
- SIGINT System Manufacturers
- RF and IR Engineering Service Providers
- EW Training Companies
- Database Consultants
- EW Test Equipment Suppliers
- RF and IR Countermeasures Manufacturers
- IED Countermeasures Manufacturers
- Suppliers of Logistics Support
- Research Organisations

Who will you meet?

- International EW Leaders
- Front-line Forces
- Operational Commanders
- Operators and Planners
- Ministry of Defence Staffs
- Government Agencies
- Concepts and Development Staff
- Database Experts
- Teaching and Training Personnel
- Intelligence and Communication Branches
- Programme Managers
- Acquisition Personnel
- Engineering Staff
- Global Industry Leaders
- Over 30 Nationalities



The depth and breadth of experience of the speakers was outstanding. My thoughts and opinions on the way forward for USAF electronic warfare were greatly influenced by my attendance at EW 2010."

Colonel Joe "Haiji" Skaja, Chief, Electronic Warfare, Information Operations and Directed Energy Division, HQ Air Combat Command, USAF



Electronic Warfare 2011 Exhibition



Free Exhibition

With a year-on-year increase in top-level military and industry attendance by creating an environment for networking with valuable potential and existing clients, Electronic Warfare has become an essential event to attend.

Register for you free exhibition pass at: www.smartregister.co.uk/events/shephard

Venue Information

The Estrel Berlin is Europe's largest convention, entertainment and hotel complex. With a vibrant domestic EW industry market and being a key NATO nation, home to US Army Europe and the EW NATO school, Electronic Warfare is in a prime location with easy travel access.



Estrel Convention Center,

Sonnenallee 225,
12057 Berlin,
Germany

Confirmed & reserved exhibitors include:

Aeroflex	GIGACOMP GmbH	Petards Joyce-Loebl
AMESYS	Grintek Ewation	PLATH GmbH
Amplifier Technology Limited	ITT	PROCITEC GmbH
Annapolis Micro Systems	IZT GmbH	Qinetiq
ATDI	Kanfit Ltd/Niron Systems and Projects	SELEX Galileo
CASSIDIAN an EADS Company	Lockheed Martin	SSBV
Chemring Countermeasures Ltd	Logica	Tactical Technologies Inc
Communications Audit UK Ltd	LS telcom	TDI
e2v	MASS	Tektronix
ELDES Srl	MEDAV GmbH	Thales
ELTA	Meggitt Avionics	Times Microwave Systems
Empower RF Systems	Microwave Marketing/Linwave	Tukom
Enterprise Control Systems Ltd.	Nautilus Marine and General Systems Pty Ltd (Pop up)	Ultra Electronics TCS
ESL Defence Ltd	Northrop Grumman	WALLOP DEFENCE SYSTEMS
FS Antennentechnik GmbH	Patria Aviation Oy	Wojskowe Zahlady Uzbrojenia SA

To exhibit or sponsor, contact Mark Dennington on
+44 (0)1753 727008 or email md@shephard.co.uk

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

Electronic Warfare 2011

Programme Day One – Wednesday 25 May 2011

**THE GLOBAL EW CONFERENCE
SHAPING THE FUTURE OF EW – COMINT SEMINAR
SPONSORED BY**



08.00-09.00 – ARRIVAL, REFRESHMENTS & EXHIBITION

09.00	CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley CB, MBE, RAF (Ret'd), Senior Military Advisor, Shephard Group, UK
09.05	KEYNOTE ADDRESS Major General Kari Siiki, Finnish Defense Forces (Ret'd), Finland

SESSION 1

The Future of COMINT and COMMS-ESM

09.30	UAS-BORNE COMINT – RESEARCH TRENDS & EXPERIMENTAL RESULTS PD Dr. Habil. Wolfgang Koch, Head of Department, Sensor Data & Information Fusion, Fraunhofer Institute for Communication, Information Processing and Ergonomics, Germany
09.50	TACTICAL INTELLIGENCE SYSTEMS FOR HYBRID WARFARE Michael Niewohner, Diplom-Volkswirt, Diplom-Informatiker (FH), Director, Proposals & Marketing, PLATH GmbH, Germany
10.10	AUTOMATIC SIGNAL COLLECTION AND CLASSIFICATION Dr Hans-Joachim Kolb, Managing Director, MEDAV GmbH, Germany

10.30-11.00 – REFRESHMENT BREAK & EXHIBITION

SESSION 2

The Data Flood – Modern COMINT Sensors/Collection Systems

11.00	NEW DEVELOPMENTS IN HF COMINT/DF ELECTRONIC WARFARE Arnaud Lecca, Head of HF/DF Department, Thales Communications, France
11.20	CHALLENGES IN MONITORING OF PORTABLE SATELLITE TERMINALS Dr Ralf Seeger, Systems Engineer RF COMINT, Rheinmetall Defence Electronics GmbH, Germany
11.40	WIDEBAND SIGINT RECORDING: HOW TO STAY AHEAD Bill Haraka MSc, Business Development Manager, SSBV Aerospace & Technology Group, Kingdom of the Netherlands
12.00	MODERN BROADBAND COMINT COLLECTION SYSTEMS Rainer Perthold, Chief Technical Officer, Innovationszentrum Telekommunikationstechnik IZT GmbH, Germany
12.20	PANEL DISCUSSION

12.45-14.15 – LUNCH SPONSORED BY PLATH

SESSION 3

Information Extraction for the Data Deluge – Analysis and Evaluation

14.15	SEMANTIC VS KEYWORD: A NEW APPROACH FOR SUPPORTING EXPLOITATION Andrea Melegari, Chief Operating Officer Intelligence Division, Expert System, Italy
14.35	SMART, VISUAL, COLLABORATIVE: INTELLIGENCE IN 2020 Dr Vera Kamp, Director Knowledge Discovery Systems, PLATH GmbH, Germany
14.55	FRAMEWORK FOR DIGITAL SIGNAL ANALYSIS OF ELINT DATA Klaus Renken, Technical Director, ELETTRONICA GmbH, Germany
15.15	PANEL DISCUSSION

15.30-16.00 – REFRESHMENT BREAK & EXHIBITION

SESSION 4

Conclusion

16.00	COMPACT MONITORING AND ANALYSIS SOLUTIONS Uwe Matthies, Chief Technology Officer, PROCITEC GmbH, Germany
16.20	NET-CENTRIC INTELLIGENCE IN HYBRID WARS Dr Ronald Meixner (Commander j.g. Ret'd), Sales & Business Development Manager, PLATH GmbH, Germany Commander (Reserve) Gordon Hunt, Chief Engineer, Real Time Innovations Inc, USA
16.40	Final Questions
17:00	Chairman's Closing Remarks

Electronic Warfare 2011

Programme Day One – Thursday 26 May 2011

THE GLOBAL EW CONFERENCE SHAPING THE FUTURE OF EW

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

SESSION ONE – WELCOME – EW CHALLENGES – A DECADE INTO THE 21ST CENTURY

09.00	CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley CB, MBE , RAF (Ret'd), Senior Military Advisor, Shephard Group, UK
09.05	WELCOME Alexander Giles , CEO, Shephard Group, UK Walter Wolf , President, Association of Old Crows (AOC), USA Captain Reiner Puschies , German Navy, President Red Baron Roost, AOC, Germany Dr Robert S Andrews , International Region One Director, AOC, UK
09.20	KEYNOTE ADDRESS Lieutenant General Friedrich Wilhelm Ploeger , German Air Force, Deputy Commander HQ Allied Air Command, Ramstein, Germany
09.45	OPENING ADDRESS – WHY IS EW SO DIFFICULT? Colonel Laurie Moe Buckhout , US Army (Ret'd), President-Elect, AOC, USA

10.15 - 10.45 – REFRESHMENTS AND EXHIBITION

SESSION TWO – EW IN LAND OPERATIONS

10.45	OPERATIONAL EXPERIENCE OF EW Major Paul Randell , Operations Officer, 14 Signal Regiment (EW), UK
11.10	ELECTRONIC DEFENCE – THE UK EXPERIENCE Major Richard Craig , Officer Commanding, 225 Signal Squadron ECM(FP), 10 Sig Regiment, UK
11.35	MANPACK EW CAPABILITY Gav O'Connell MBE , EW Business Development Manager, Roke Manor Research Ltd, UK
12.00	PANEL DISCUSSION – SHAPING THE FUTURE OF LAND EW – INVITED SPEAKERS

12.30 - 14.00 – LUNCH AND EXHIBITION

SESSION THREE – EW IN NATO

14.00	KEYNOTE ADDRESS NATO EW ADVISORY COMMITTEE (NEWAC) Colonel Thomas Lorber , German Air Force, Chief, Air and Missile Defence Branch, Operations Division, NATO International Military Staff, NATO HQ, Belgium
14.25	NATO JOINT EW CORE STAFF (JEWCS) Captain Peter Kenward (RN) , Director, NATO JEWCS, Royal Naval Air Station, Yeovilton, Royal Navy, UK
14.50	NATO EW CONCEPTS AND DOCTRINE Captain Adrian Genes , Romanian Navy, Policy Officer, NATO JEWCS, Royal Naval Air Station, Yeovilton, UK
15.15	PANEL DISCUSSION – NATO EW – INVITED SPEAKERS

15.40 - 16.10 – REFRESHMENTS AND EXHIBITION

SESSION FOUR – EW DEVELOPMENTS

16.10	FORWARD OPERATING BASE AS A PLATFORM Squadron Leader Steve Mander , RAF (Ret'd) Capability Manager, SELEX Galileo, UK
16.35	NEW TECHNOLOGIES AND TECHNIQUES IN NEXT GENERATION EW Eyal Danan , General Manager, EW SIGINT & Comm. Division, ELTA Systems, Israel

17.00	INNOVATIVE MARITIME EW SYSTEM PROVIDES BASELINE CAPABILITY FOR NEW THINKING Commodore Richard Lord RN (Ret'd), Naval Consultant, Chemring Countermeasures Ltd, UK
17.25	DAY 1: CHAIRMAN'S CLOSING REMARKS
17.30 – 19.00 - DRINKS RECEPTION SPONSORED BY ITT ELECTRONIC SYSTEMS	

Electronic Warfare 2011

Programme Day Two – Friday 27 May 2011

THE GLOBAL EW CONFERENCE SHAPING THE FUTURE OF EW

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

SESSION FIVE – FUTURE DIRECTION OF EW

09.00	CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley CB, MBE, RAF (Ret'd), Senior Military Advisor, Shephard Group, UK
09.05	KEYNOTE ADDRESS Andrew Brookes, Director, The Air League, London, UK
09.30	US EVOLUTION OF EW Commander Ken Rothaermel, US Navy, Special Assistant to the Vice Chairman, Joint Chiefs of Staff, USA
09.55	EW CHALLENGES AND LESSONS OF OP ELLAMY Wing Commander Richard Adams, RAF, Head of Air Platform Protection, HQ Air Command, UK

10.20 - 10.50 – REFRESHMENTS AND EXHIBITION

SESSION SIX – CAPABILITY PROGRAMMES

10.50	UK CHINOOK IPT DAS UPGRADE Steve George, DAS Upgrade Chinook Integrated Project Team, UK
11.15	U.S NAVAL TACTICAL AVIATION ADVANCED DEFENSIVE EW SYSTEMS Major Robb P. Mansfield, USM, Electronic Countermeasures and Air-to-Ground Weapons Requirements Officer, OPNAV N88, USMC, USA
11.40	OPERATIONAL REAL TIME VISUALISATION OF C-IED PROTECTION Paul Pulsifer, Deputy Director General, Defence Research and Development, Canada Shawn Charland, President, Sky Industries Inc., Canada
12.10	PANEL DISCUSSION – FUTURE DIRECTION & CAPABILITY

12.30 - 14.00 – LUNCH AND EXHIBITION

SESSION SEVEN – EW IN THE ELECTROMAGNETIC DOMAIN

14.00	KEYNOTE AOC PRESIDENT Walter Wolf, President, Association of Old Crows (AOC), USA
14.25	POWER OF DECEPTION FOR EW SUCCESS Donald Yates, CEO, Nautilus Marine & General Systems Pty Ltd., Australia
14.50	OPERATIONAL ROLES OF THE UK FLEET EW SUPPORT GROUP Chief Petty Officer Michael Edwards RN, Operations Manager, FEWSG, UK

15.15 - 15.45 – REFRESHMENTS AND EXHIBITION

SESSION EIGHT – EW TECHNOLOGY PERSPECTIVE

15.45	AUTOMATIC JAMMING SYSTEM Dr. Rodrigo Tupynambá, Product Manager, Signal Products, PLATH GmbH, Germany
16.05	LASER PROTECTION FOR HELICOPTER CREW Lieutenant Colonel Horst Reiker, S3 EW Officer, German Army Aviation Regt 25, Germany
16.25	L-BAND 1.5 GHZ 3 U VPX TRANSCEIVER FOR EW AND JAMMING APPLICATIONS Lionel Delorme, GE Intelligent Platforms, Sensor Processing Group, Canada
16.40	CLOSING & FAREWELL REMARKS Chairman/AOC

16 May 2011

Programme subject to change

**Shephard Group
Appreciation
INVITATION TO EW 2012 AOC/SHEPHARD EW CONFERENCE**

16.30 – CONFERENCE CLOSE

ELECTRONIC WARFARE 2011 VISITOR REGISTRATION & DELEGATE BOOKING

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

Exhibition

Visitor Exhibition Pass **FREE**
 Total number of visitors attending: _____

Conference

Rates **EXCLUDE** 19% German VAT.

Delegates	Standard rates	5% Discount 3 to 5 Delegates *	10% Discount 6 to 10 Delegates *	25% Discount One-day rate *
Industry rate	<input type="checkbox"/> €1,299	<input type="checkbox"/> €1,234	<input type="checkbox"/> €1,169	<input type="checkbox"/> €974
Exhibitor/AOC Members rate	<input type="checkbox"/> €1,000	<input type="checkbox"/> €950	<input type="checkbox"/> €900	<input type="checkbox"/> €750
SME rate (Businesses with 250 employees or less)	<input type="checkbox"/> €779	<input type="checkbox"/> €740	<input type="checkbox"/> €701	<input type="checkbox"/> €584
Military/Government rate	<input type="checkbox"/> €389	<input type="checkbox"/> €369	<input type="checkbox"/> €350	<input type="checkbox"/> €291
OF5 and above plus Civil Servants Band B2	<input type="checkbox"/> FREE (subject to availability)			
Total number of delegates attending: _____				

COMINT Day

Rates **EXCLUDE** 19% German VAT.

Conference delegates attend for FREE	<input type="checkbox"/> I wish to confirm my attendance
COMINT Day rate *	
Industry rate	<input type="checkbox"/> €974
Exhibitor/AOC Members rate	<input type="checkbox"/> €750
SME rate (Businesses with 250 employees or less)	<input type="checkbox"/> €584
Military/Government rate	<input type="checkbox"/> €291
Total number of delegates/visitors attending: _____	

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

DELEGATE TERMS AND CONDITIONS

- No delegate will be allowed into conference sessions unless full fees have been received prior to the event.
- Registrations within 7 days of the event must be made by credit card.
- Delegate places may not be shared.
- Substitution of delegates is permitted, provided that the organisers are informed in advance in writing.
- 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.
- 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.
- These terms and conditions apply to delegate bookings only.

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.

section **B** Please complete if you are a paying delegate or wishing to attend the COMINT Day

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 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: / /

Signature _____ Date / /

For enquiries



Email
 bookings@shephard.co.uk



Telephone
 +44 (0)1753 727017



Fax this form to
 +44 (0)1753 727002