



REGISTER NOW
FINAL ANNOUNCEMENT OF
EWCI 2010



EW: Partnering for Success

9 - 11 February 2010

National Science Seminar Complex,
Indian Institute of Science,
Bangalore, India

Key Note Address
Air Chief Marshal P V Naik, PVSM VSM ADC, Chief of Air Staff, Indian Air Force, India

Theme Talk
Air Marshal S C Mukul, PVSM AVSM VM VSM, CISC, Integrated Defence Staff, India

Under the patronage of



www.ew-india.com

Why EW India 2010?

A global event which will attract in excess of 500 attendees from around the world.

ELECTRONIC WARFARE INDIA CONFERENCE AND EXHIBITION

The application of electronic warfare (EW) embraces the full spectrum of modern warfare, from the collection of intelligence in peacetime to delivering electronic attack in war, and from the self protection of land, maritime and air platforms to countering today's terrorist threat.

The EW India Conference: The First International Conference on Electronic Warfare (EWCI 2010) to be held in Bangalore, India provides a forum for the presentation and discussion of technical material related to all aspects of Electronic Warfare. Defence Avionics Research Establishment (DARE) and Defence Electronics Research Laboratory (DLRL) under aegis of Defence Research & Development Organisation (DRDO), two premier organisations in the EW field, M/s. Bharat Electronics Ltd (BEL), an established Electronics Products Manufacturing Industry, along with The Shephard Group, UK and Association of Old Crows (AOC), are organising the present Electronic Warfare Conference. The Joint Electronic Warfare Board (JEWB) is actively supporting the Conference. The conference agenda has been carefully selected to address current and future needs of the operational users, planners, developers, procurers, testers, and trainers of the latest EW Technologies and Systems. A large scale International EW Exhibition with provisions for more than 50 exhibition stalls will be an added attraction.

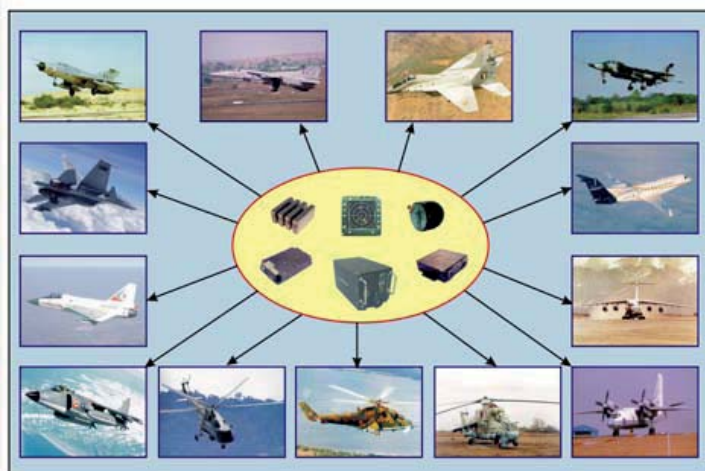
Conference Theme: "EW: Partnering for Success"

This prestigious event will be held once in every two years and is fully supported by the Indian Ministry of Defence. Delegates will come from all parts of the Indian military and R&D communities. They will be joined by industry delegates from national and international companies.

The India Electronic Warfare market is vibrant, growing and developing at a rapid pace. India Off-Set requirements add to the importance of this field for companies wishing to invest in India.

"Excellent programme with a good mix of senior military, defence contractors and government scientists speaking. Well organised and professional."

Major Richard John Craig, UK Army



**Covering EW in all 3 environments -
Air, Land & Sea**

EW India 2010 Schedule:

9 Feb 10

Pre Conference Tutorials

10 Feb 10

Inauguration of Conference and Exhibition, Plenary Session, Invited Lectures and Technical Sessions, Cultural Program and Conference Dinner

11 Feb 10

Technical Sessions and Panel Discussions

WHO WILL BE ATTENDING EW INDIA 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
- Over 30 Nationalities

...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
- Industry Worldwide

WHO WILL BE EXHIBITING?

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

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Sri Ashwani Kumar Datt, CMD, BEL
Air Marshal S C Mukul, PVSM AVSM VM VSM, CISC

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Sri N Divakar, Former Director, DLRL
Sri V V R Sastry, CMD (Retd), BEL

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Conference Coordinators

N Chandrasekaran, DARE, Bangalore
Umesha K P, DARE, Bangalore

Contact Address

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Email: ewci@ew-india.com
Fax: +91 80 2534 9400
Tel: +91 80 2534 9400

Pre Conference Tutorial (9 February 2010)

Pre Conference tutorials by Eminent International Experts on the following topics are being organised. These tutorials will be of immense value for young professionals to get exposed to the state-of-art EW Technology: Solid state active phased array, Digital receiver technology, Emitter tracking algorithms, Pre Flight Message Generation, Advances in signal processing in communication EW

Visit www.ew-india.com for details

Call for papers

EW India will be the focus for the military electronic warfare industry in this region. We are therefore inviting the leading minds in the field to join us at the event.

A technical panel has been set up consisting of leading figures in the India R&D community, industry and international consultants.

Those interested in presenting a paper should email ewci@ew-india.com with no more than a 1000 word synopsis. Papers are particularly welcome on the following topics;

- Advances in EW Systems / Architectures/ Techniques
- EW – Users Perspective, Industry linkage
- EW Systems Modeling and Simulation
- EW & EO Threat Simulators
- EW Systems Testing & Evaluation
- Advances in ECM / ECCM
- Advances in ECM Techniques
- Electro-Optic based EW Systems – MAWS & LWS
- IR Jammers
- Expendable Repeater Jammers
- Network Centric & Information Warfare
- Suppression of Enemy Air Defence (SEAD)
- EW Antennas, Active electronically scanned arrays (AESA) & Shared Apertures
- Radar Finger Printing
- LPI Emitters – Techniques for interception and Countermeasures
- Operational Aspects of EW & Policies
- Communication EW
- EW Receivers, Up/Down Converters and Transmitters
- Communication DF Receivers
- EW Signal Processors
- Satellite based EW - Challenges
- SIGINT, RWR, ESM, Multi Sensor Warners
- Directed Energy Weapons (DEW)
- Microwave & MM wave Technology for EW
- Digital Receivers
- Emitter Location Algorithms
- Light Weight EW Systems for UAV, Aerostat & Other Platforms
- Program Management of complex EW Systems
- EW Interference to TV / Radio / Mobile Transmissions and their Maintenance
- EW Ops & Spectrum Management in Joint Services Operation Scenario – Challenges and possible Way Ahead

Instructions for Authors: Authors who wish to present papers should submit an abstract/summary of about 1000 words in MS Word format. The abstract should begin with the title of the paper, name(s), affiliations, full address for correspondence and e-mail ID. The document can be e-mailed to ewci@ew-india.com. Last date for submitting the abstract is **15 Oct 2009**. Full paper should be submitted after receiving intimation about the acceptance of the abstract in MS Word format before 30 Nov 2009. Final acceptance and registration for the oral/poster presentation will be subsequently intimated. Authors are required to register by paying **the required registration fee on or before 31 Dec 2009**.

Important Dates

Submission of Summary:	15 Oct 2009
Provisional Acceptance:	31 Oct 2009
Full Paper Submission:	30 Nov 2009
Final Acceptance of paper:	15 Dec 2009
Author Registration closes:	31 Dec 2009

Pre Conference Tutorial:	09 Feb 2010
Conference Inauguration:	10 Feb 2010
Exhibition Inauguration:	10 Feb 2010

SHOWCASE YOUR PRODUCTS AT THE EW INDIA EXHIBITION

The indoor exhibition organised at the venue of the conference (from 10 - 12 Feb 2010) may be utilised for showcasing EW Systems & Subsystems, Models and Multimedia Presentations.

This gives excellent business opportunity and allows interacting with various vendors, R&D organisations and Armed Services world over.

The event offers its valued exhibitors a number of additional benefits that will provide both your company and your exhibitions team with the quality customer service they deserve.



To discuss the benefits your organisation will gain from exhibiting, refer to the contact details on the reverse of this brochure.

Partnership Opportunities

In addition to being directly identified with this prestigious conference and exhibition, partnership enables your company to enhance its visibility, brand awareness and reputation among the most senior representatives from the electronic warfare community, whilst enabling you to engage an industry-focussed audience in a relaxed atmosphere of goodwill.

Choose one or more of the following options:

- Conference Dinner - £8,000
- Lunch Breaks – Day One and Day Two, per day - £4,000 per day
- Refreshment Breaks – Day One - £4,000 per day
- Souvenir - £4,000
- Conference Proceedings (Hard copy) - £5,000
- CD ROM Proceedings (soft copy) - £1,500

Souvenir: A souvenir (A4 size, multicolour) containing messages from dignitaries, Abstracts, Invited Articles, Advertisements will be produced. There is an excellent advertisement opportunity in souvenir as well as in the hard copy of the conference proceedings Tariff for multicoloured advertisements is:

Type	Rupees	GBP
Back Cover	Rs 50,000	£800
Inside front/back cover	Rs 40,000	£700
Special Page	Rs 20,000	£400
Regular Page	Rs 15,000	£300



To discuss partnership opportunities, refer to the contact details on the reverse of this brochure

About EW India organisers and partners

The Shephard Group

Providing intelligence to the aerospace and defence communities since 1981.



Shephard's range of conferences and exhibitions are among the most successful in the world and regularly attract the industry's leading companies, most senior figures and many of today's 'thought' and opinion leaders from specialist areas within the aerospace and defence community. Much like Shephard's publications - Shephard events are highly focused on a variety of niche markets and deliver high quality with regard to the people and companies that attend.

Association of Old Crows (AOC)



The on-going need for Electronic Warfare and Information Operations systems and capabilities in support of national security underscores the continuing need for the AOC. As AOC addresses its evolving role in fulfilling this future requirement, the AOC takes great pride in the ability of the association and its members to focus on answering this challenge with the experienced, professional perspective of an organization almost 40 years old.

Defence Avionics Research Establishment (DARE)



DARE, Bangalore is a premier institute engaged in design and development of Avionics and Electronics Warfare (EW) systems which are the vital equipments in modern warfare. Many Avionics and EW systems developed by DARE are being used in almost all fighters and other aircraft in the Indian Air Force (IAF) and Indian Navy (IN). DARE has established state of the art facilities for the development and testing of such systems. Following are the five major areas of DARE's development activities: Defensive Avionics - Airborne Electronic Warfare Suites, Mission Avionics, Core Avionics Processor and Software, Simulation, Test & Evaluation facilities for airborne Electronic Warfare, Avionics Upgrades, and Pods housing avionics equipments. DARE is currently engaged in the development of important EW systems such as EWSFA (EW Suite for Fighter Aircraft); MAWS (Missile Approach Warning System) for Helicopters and Aircraft; Self Protection Suite for AEW System.



Defence Electronics Research Laboratory (DLRL)

DLRL, Hyderabad has been entrusted with the primary responsibility of design & development of state-of-the-art electronic warfare systems (COMINT/ ELINT/ ESM/ ECM) covering radar and communication frequency bands. It also conducts systems integration and evaluation of these technologies on various platforms, like aircraft, ships, helicopters, vehicles, etc. Additionally, DLRL also conducts specialised training courses in Electronic Warfare and technology management for DRDO Scientists and officers of the Indian Armed Forces.

Joint Electronic Warfare Board (JEWB)



The JEWB is an apex body on EW in the three Indian Armed Services. The board coordinates and carries out formulation of comprehensive EW doctrine and evaluation/updation of EW threat. The issues related to research and development and integration of EW Systems into C3I System at the joint services and the national level is also steered by the board. In addition, the JEWB is involved in coordinating and Control, Collection and Dissemination of ELINT data and maintenance of EW Database.

Bharat Electronics Limited (BEL) - BEL was established at Bangalore, India, by the Government of India under the Ministry of Defence in 1954 to meet the specialised electronic needs of the Indian defence services. Over the years, it has grown into a multi-product, multi-technology, multi-unit company serving the needs of customers in diverse fields in India and abroad. BEL has considerable expertise in the field of Electronic Warfare. Effective use of Electronic Warfare is only possible if sufficient knowledge of the electronic equipment used by the enemy is available. BEL has the know-how for designing and developing Electronic Warfare Systems in the areas of Signal Intelligence, Electronic Counter Measure and Electronic Support Measure.



EW India Venue Information

National Science Seminar Complex, Indian Institute of Science, Bangalore 560 012, India

The Venue: Bangalore is Asia's fastest growing city. It is home to most of the high tech industries in India and is commonly acknowledged as the IT Capital of India. It is also Aeronautical and Aerospace Engineering hub. Bangalore is also home to some of the India's premier scientific Institutes under Defence Research and Development Organisation, Indian Space Research Organisation, Indian Institute of Science and public sector majors like Bharat Electronics Ltd. and Hindustan Aeronautical Ltd. Bangalore is popularly known as garden city of India with its salubrious climate and greenery. Bangalore's shopping centres offer silk, sandal wood/ rosewood artifacts.

Interested in exhibiting, sponsoring, or attending EW India?

For foreign delegate/exhibitor bookings **outside India**, please fill in the fax back form or contact:

Mark Dennington - Commercial Manager
The Shephard Group, 268 Bath Road, Slough, Berkshire, SL1 4DX, UK
Tel: +44 (0)1753 727008, Fax: +44 (0)1753 727002, Email: row@ew-india.com

The Shephard's India Liaison Contact:
Mr. H V Harish, Mobile: +91 9980066164

For Indian delegate/exhibitor bookings **within India** fill in the fax back form

YOUR INFORMATION (all fields are mandatory) - Please photocopy this form for multiple delegates.

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

RATES Please indicate your selection clearly using a tick and delete where applicable.

DELEGATE RATES	Tutorial	Conference
	Standard (GBP)	Standard
<input type="checkbox"/> Foreign delegates	<input type="checkbox"/> £200	<input type="checkbox"/> £500
	Standard (Rs)	Standard (Rs)
<input type="checkbox"/> Indian delegates	<input type="checkbox"/> Rs 4,000	<input type="checkbox"/> Rs 10,000

RATES Please indicate your selection clearly using a tick and delete where applicable.

EXHIBITORS	Rate Rs	Rate GBP
<input type="checkbox"/> Diamond Sponsor (8 Delegates, 3 Stalls)	700,000	9,000
<input type="checkbox"/> Gold Sponsor (6 Delegates, 2 Stalls)	500,000	6,500
<input type="checkbox"/> Silver (2 Delegates, 2 Stalls)	300,000	4,000
<input type="checkbox"/> Bronze (2 Delegates, 1 Stall)	150,000	3,000
<input type="checkbox"/> Individual Stall (3m x 3m dimension)	75,000	2,000

PAYMENT METHOD - FOR BOOKINGS WITHIN INDIA

■ Cheque

Enclosed is my cheque for

Cheques should be made by Demand Draft or Banker's Cheque drawn in favour of "EWCI - 2010".

■ Bank Transfer

Transfer to: **State Bank of India, ADE Branch, ADE Campus, PB No 7524, New Tippasandra Post, Bangalore 560075**

Rupee Account number 30827125111

MICR Code: 560002070

Beneficiary: EWCI-2010
C/o DARE, Ministry of Defence, CV Raman Nagar, Bangalore 560093

IFSC Code: SBIN0006538

PAYMENT METHOD - FOR BOOKINGS OUTSIDE INDIA

■ Invoice

Please send me an invoice

■ Cheque

Enclosed is my cheque for

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

Sterling Account number 47820160

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 / /

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 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

- 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. Exhibitor terms and conditions can be obtained on request.