



HELI & UV Pacific

Conference & Exhibition
26-27 May 2010
Queensland, Australia



Heli & UV Pacific 2010 will bring the rotorcraft and unmanned systems communities together to form an extended audience at the exhibition.

Registered visitors attend the exhibition for **FREE**

Helicopter Programme
Opening Address

Major General Tony Fraser, AM, CSC,
Head of Helicopter Systems Division, Defence Materiel Organisation, Australia

Unmanned Vehicles Programme
Keynote Address

Colonel Robert Sova,
TRADOC Capability Manager for UAS, USA

Official Partner:



Media Partners:



Partners:



Official Media:



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

One unique exhibition, two focused conferences

An event dedicated to the rotorcraft and unmanned systems communities.

Heli & UV Pacific 2010 will take the form of a two-day event, including a conference and exhibition. In 2010 we will also showcase an impressive static display, with both military and civil aircraft on hand for close inspection. This is a must-attend event for the wider helicopter industry.

The two-day Heli Pacific conference will look at the rotorcraft industry as a whole, examining military developments and also discussing issues affecting civil and parapublic operations.

The two-day UV Pacific conference will cover unmanned systems in all three operating environments: air, land and sea.

Past Heli & UV Pacific events have attracted

20 countries **600** attendees **50** exhibitors



Venue Information

RACV Royal Pines Resort

Ross Street,
Ashmore,
QLD 4214,
Australia

Tel: +61 (7)5597 8700

Fax: +61 (7)5597 2277

Web: www.royalpinesresort.com.au



Details for booking accommodation will be sent with your joining instructions, upon receipt of booking form. Alternatively the hotel booking form can be found on the Heli & UV Pacific webpage via www.shephard.co.uk/events.

DELEGATE PACKAGE INCLUDES:

- Executive package with list of all attendees, speakers' biographies and presentation synopses, and online access to presentations after the conference
- 12-month subscription to *Defence Helicopter* or *Rotorhub* or *Unmanned Vehicles*.
- FREE copy of Shephard's Military Helicopter Handbook or Rotorhub Handbook or Unmanned Vehicles Handbook.
- UNLIMITED ACCESS to conference sessions and exhibition area
- Conference support to delegates
- High-quality catering during conference
- Superb exhibition space

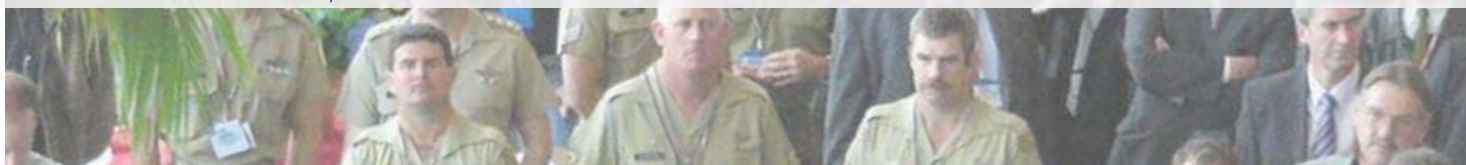
WHICH SECTORS WILL TAKE PART IN HELI & UV PACIFIC 2010?

- Air Force, Army, Marines, Navy
- Airframe and engine manufacturers
- Border patrol, immigration and customs
- Agriculture and forestry
- Civil and military helicopter operators
- UAV operators
- EMS, SAR and safety equipment
- MRO companies
- Oil and gas
- Coastguard
- Fire-fighting
- Law enforcement, security and police
- Tourism and corporate travel
- Training and simulation products
- EW suppliers
- Avionics suppliers
- Accessories and components
- Software, IT and communications
- Hoists and hoisting equipment
- Ground support equipment
- Finance, leasing and insurance

To book your delegate place contact:

UK office: +44 (0)1753 727017, bookings@shephard.co.uk **Australian office:** +612 952 61522 or by fax on +612 952 61779

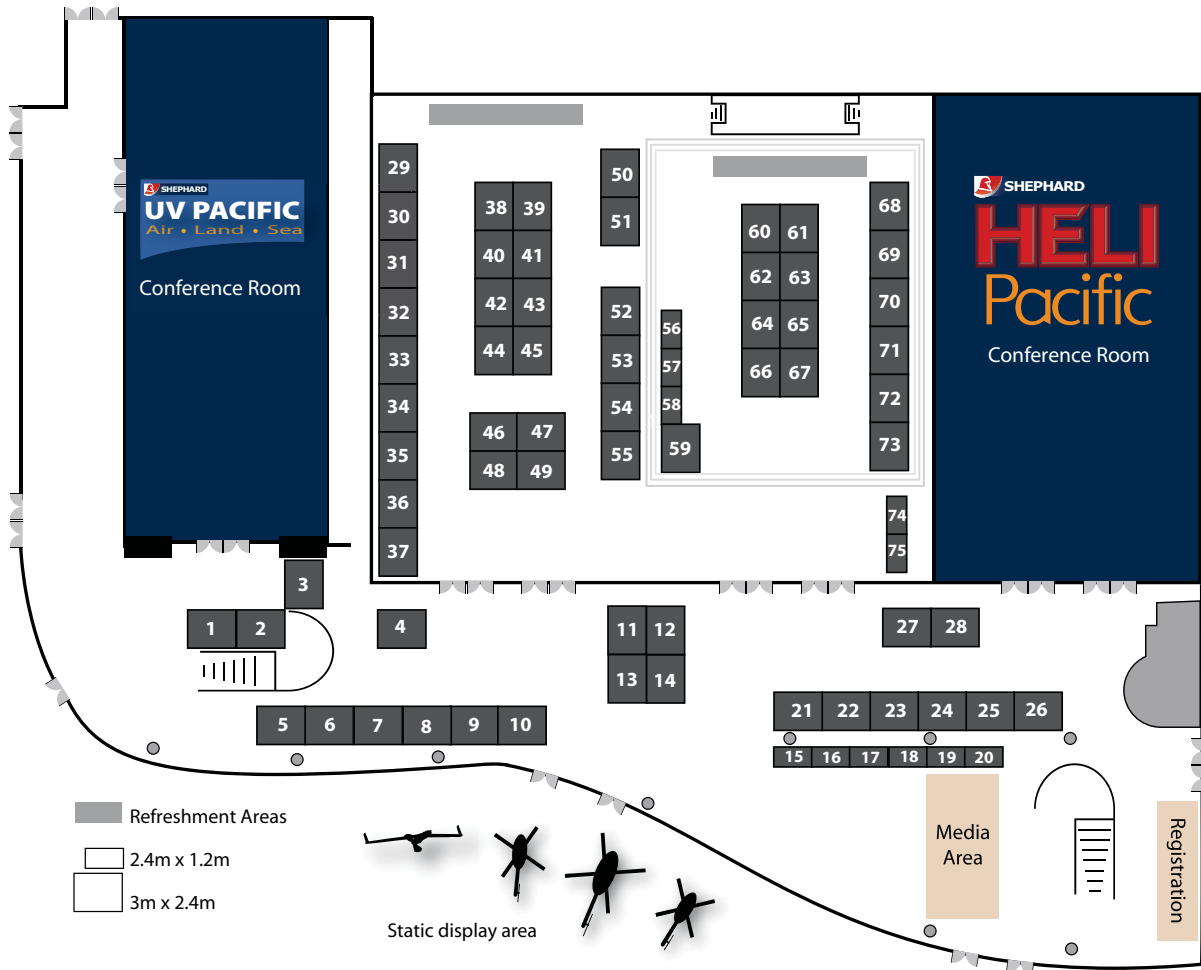
Or book online via www.shephard.co.uk/events



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Heli & UV Pacific Exhibition

Running since 2004, Heli & UV Pacific has proven to be a key event for the military and parapublic rotorcraft and the unmanned systems communities to network, discuss and demonstrate their products and experiences in the Australasian region. It includes a static display and always attracts high numbers of senior attendees.



Past exhibitors included:

Aero Products Pty Ltd
 Aerospace & Defence Products
 Amber Technology Pty Ltd
 Army Aviation
 Australian Defence Force's Helicopter Systems Division
 Asia Pacific Aerospace
Asia-Pacific Defence Reporter
 Austal
 Australian Aerospace
Australian Aviation
 Australian Maritime Systems
Aviation Trader
 BAE SYSTEMS

Bohemia Interactive Australia
 Bose Pty Ltd
 Breeze-Eastern
 CareFlight Queensland
 Carson Helicopter Services Inc
 Cineflex HD/Axsys Technologies
 Civil Aviation Safety Authority
 Contact Air, Land & Sea
 DAC International
 Elbit Systems
 Evergreen Helicopters
 Flight Helmets Australia
 General Atomics Aeronautical Systems

Goodrich Customer Services Australia
 Green Hills Software
 HAA (Helicopter Association of Australasia)
 Hawker Pacific Pty Ltd
 Helibiz Pty Ltd
 Heliflite
 IndigoSat
 Kellogg Brown & Root Pty Ltd
 LiteFlite
 McDermott Aviation
 Meggitt Defense Systems
 Niche Media
 Northrop Grumman

Onboard Systems
 Oracle Aeronautics
 Orion Solar Pty Ltd
 Oxley Group Australia Pty Ltd
 Queensland Government
 Russell Adams SA
 Sarquip International/CHC Helicopters
 Seabird Aviation
 Sikorsky Aircraft Australia Ltd – Helitech
 Sky Connect/Becker Avionics
 Skycam UAV NZ Ltd
 Transaero Inc

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Heli-Pacific

Programme day one – Wednesday 26 May 2010

08.00 - 09.00 – REGISTRATION & REFRESHMENTS SPONSORED BY QUEENS LAND GOVERNMENT AND EXHIBITION

09.00 - 09.30 – OPENING CEREMONY BY **MR. IAN FLETCHER**, DIRECTOR GENERAL, DEPARTMENT OF EMPLOYMENT ECONOMIC DEVELOPMENT AND INNOVATION AND TOUR OF EXHIBITION

09.30 | **CHAIRMAN'S OPENING REMARKS**
Alexander Giles, Chief Executive Officer, The Shephard Group, UK

SESSION ONE – SAFETY AND HUMAN FACTORS IN THE HELICOPTER INDUSTRY

09.40 | **HUMAN FACTORS ISSUES IN THE CURRENT HELICOPTER ENVIRONMENT**
Dr Jeffery Brock, Senior Specialist in Aviation Medicine, Australian Army, Australia

10.00 | **THE DELTA HELICOPTER A NEW ERA**
Graeme Smith, Chief Executive Officer, Delta Development Co Pty Ltd, Australia
Bill Whitney, Aeronautical Engineer, Delta Development Co Pty Ltd, Australia

OPEN FORUM DISCUSSION

10.55 – 11.25 – REFRESHMENTS SPONSORED BY MDA AND EXHIBITION

SESSION TWO – DISASTER RESPONSE

11.25 | **END USER PERSPECTIVE OF ROTARY AIRCRAFT IN STATE GOVERNMENT**
Catherine Mardell, NSW National Parks and Wildlife Service, Australia

11.45 | **THE CHALLENGES OF OPERATING EMS IN REMOTE REGIONS OF AUSTRALIA**
Alex Dorr, Chief Executive Officer, North Queensland Helicopter Rescue, Australia

12.05 | **SAR AND ITS MECHANISM IN THE AUSTRALASIAN REGION.**
Mark Sedzman, Rescue Coordination Centre Chief (Aviation), Emergency Response Division – Australian Maritime Safety Authority, Australia

OPEN FORUM DISCUSSION

12.40 – 14.10 – LUNCH AND EXHIBITION

SESSION THREE – IMAGE ENHANCEMENT AND ADVANCE SENSORS

14.10 | **Captain Roger Corbin**, Managing Director, Rotor-Lift Aviation, Australia

Matt Wallace, NVG Flying Operations Inspector, Civil Aviation Safety Authority, Australia

14.40 – 15.10 – REFRESHMENTS SPONSORED BY MDA AND EXHIBITION

SESSION FOUR – CHALLENGES OF REGIONAL HELICOPTER OPERATIONS

15.10 | **HELICOPTER OPERATIONS IN DEMANDING ENVIRONMENTS**
Captain Ashley Williams, Chief Pilot, Heliwest Group, Australia

15.30 | **Mark Allan**, Business Development Manager, Raytheon Australia Ply Ltd, Australia

SESSION FIVE – SIMULATION

15.50 | **THE RELEVANCE OF SIMULATION ACROSS THE FLIGHT TRAINING CONTINUUM**
Don Maguire, Manager Helicopter Training Solutions, CAE, Canada

OPEN FORUM DISCUSSION

16.30 – DRINKS RECEPTION

Heli-Pacific

Programme day two – Thursday 27 May 2010

PREPARING FOR AND CONDUCTING ROTARY-WING OPERATIONS IN COMPLEX ENVIRONMENTS

08.00 - 09.00 – REFRESHMENTS AND EXHIBITION

09.00	CHAIRMAN'S OPENING REMARKS Brig (Ret'd) Bill Mellor , President, Australian Army Aviation Association, Australia
09.10	KEYNOTE ADDRESS Colonel Robert Sova , TRADOC Capability Manager for UAS, USA Representing Major General James Barclay III , Commanding General, United States Army Aviation Center, USA
09.30	OPENING ADDRESS Major General Tony Fraser, AO, CSC , Head of Helicopter Systems Division, Defence Materiel Organisation, Australia

09.50 - 10.20 – REFRESHMENTS SPONSORED BY ELBIT AND EXHIBITION

10.20	CURRENT NAVAL ROTARY-WING OPERATIONS Commodore Tony Dalton, CSM , Commander Fleet Air Arm, Royal Australian Navy, Australia
10.50	CURRENT ARMY ROTARY-WING OPERATIONS Colonel Andrew Macnab , Deputy Commander, Headquarters 16 th Aviation Brigade, Australia
11.20	V-22 ACCOMPLISHMENTS IN OIF/OEF/HAITI AND SOF Lieutenant Colonel Ken Karika , PMA 275, USMC, USA
11.40	EVOLUTION IN IMAGERY TRANSMISSION TECHNOLOGY FOR ISR OPERATIONS Manfred Schering , Director Government Sales, SCOTTY Group Austria GmbH, Austria

OPEN FORUM DISCUSSION

12.20 - 13.30 – LUNCH AND EXHIBITION

13.30	FRENCH EXPERIENCE IN AFGHANISTAN WITH TIGRE Lieutenant Colonel (TA) François d'Argaignon , Commanding Officer, Attack and Reconnaissance Battalion, 5th Helicopter Regiment, France
14.00	AT THE COALFACE Major Sana Fernandez and Major Fern Thompson , Army Officer – Pilot, Recent Australian Army Detachment Commanders in Afghanistan and East Timor
14.30	THE CHALLENGES OF INTRODUCING A NEW MARITIME HELICOPTER Commander Daniel Bogan , PMA 229 (Multi-Mission Helicopters), USN, USA

OPEN FORUM DISCUSSION

15.00 - 15.30 – REFRESHMENTS SPONSORED BY ELBIT AND EXHIBITION

15.30	TURNING THE ARH PROJECT INTO OPERATIONAL CAPABILITY Lieutenant Colonel John Fenwick , Commanding Officer, 1 st Aviation Regiment, Australia
16.00	TURNING THE MRH90 PROJECT INTO OPERATIONAL CAPABILITY Lieutenant Colonel Scott Nichols , SO1 MRH, Directorate of Aviation Capability Implementation - Army, Australia Commander Tim Leonard , Coordinator, MRH90 Introduction into Service Task Group and Commanding Officer (Designate), 808 Squadron, Royal Australian Navy, Australia
16.30	HUMAN FACTORS David Fletcher Air Crew Instructor and Mick Allen , Air Crew Instructor; Australian Aerospace, Australia

OPEN FORUM DISCUSSION

17.10 – CONFERENCE CLOSE

UV Pacific

Programme day one – Wednesday 26 May 2010

08.00 – 09.00 - REFRESHMENTS AND EXHIBITION

09.00 – 09.30 – OPENING CEREMONY BY **MR. IAN FLETCHER**, DIRECTOR GENERAL, DEPARTMENT OF EMPLOYMENT ECONOMIC DEVELOPMENT AND INNOVATION

09.30 | **CHAIRMAN'S OPENING REMARKS**
Brig (Ret'd) Bill Mellor, President, Australian Army Aviation Association, Australia

09.40 | **KEYNOTE ADDRESS**
US ARMY UAV ACTIVITIES
Colonel Robert Sova, TRADOC Capability Manager for UAS, Joint Unmanned Aircraft Systems of Excellence, USA

10.00 | **MAGIC 2010**
Dr Vinod Puri, Chief Technology Officer/Research Leader HIS (a), DSTO, Australia

10.30 – 11.00 - REFRESHMENTS SPONSORED BY MDA AND EXHIBITION

11.00 | **PROJECT NANKEEN**
Wing Commander David Riddel, Air Force Project NANKEEN Lead, Air Force Headquarters, Royal Australian Air Force, Australia

11.20 | **SHIPBOARD EMPLOYMENT OF THE SCAN EAGLE UAS TO MEET REAL WORLD FORCE PROTECTION SCENARIOS**
Peter Bale, Director of Strategy and Development, Insitu Inc Limited, USA

11.40 | **SHADOW 200 TUAS FIELDING UPDATE & LESSONS LEARNED**
Jim Christner, Director International Operations, Defense Systems, AAI Corporation, USA

OPEN FORUM DISCUSSION

12.25 – 13.55 - LUNCH AND EXHIBITION

13.55 | **OPERATIONAL AIRWORTHINESS MANAGEMENT OF UAV**
Lieutenant Colonel Neil Monaghan, Staff Officer, Grade One - Operational Airworthiness, HQ 16 Aviation Brigade, Australia

14.15 | **DECONFLICTING THE UNMANNED SKY: AN ANALYSIS OF UAV DECONFLICTION**
Major Keirin Joyce, TUAV Capability Implementation Team, Army Headquarters, Australia

14.35 | **COMMAND AND CONTROL OF ARMY TACTICAL ISTAR**
Lieutenant Colonel Nathan Loynes, Commanding Officer, 20 Surveillance and Target Acquisition Regiment, Australia

OPEN FORUM DISCUSSION

15.10 – 15.40 REFRESHMENTS SPONSORED BY MDA AND EXHIBITION

15.40 | **THE ROLE OF UAVs AND SPACE-BASED IMAGING TO ENHANCE ISR OPERATIONS**
Andrew Carryer, UAV Business Development Manager, MDA, Canada

16.00 | **UAVs IN NETWORK CENTRIC WARFARE**
Yair Keren, Marketing Senior Director, Elbit UAV Systems, Israel

OPEN FORUM DISCUSSION

16.30 - – DRINKS RECEPTION

UV Pacific

Programme day two – Thursday 27 May 2010

08.00 – 09.00 - REFRESHMENTS AND EXHIBITION

09.00	CHAIRMAN'S OPENING REMARKS Peter La Franchi , Author, The Business of UAS, Australia
09.10	KEYNOTE ADDRESS Gerard Campbell , Manager, General Aviation Field Office North, Civil Aviation Safety Authority, Australia
09.30	"MADE IN AUSTRALIA" – AN OVERVIEW OF AUSTRALIAN UAV DEVELOPMENTS Peter Smith , Vice President, Association of Unmanned Vehicle Systems, Australia
09.50 – 10.20 – REFRESHMENTS SPONSORED BY ELBIT AND EXHIBITION	
10.20	UAS RESEARCH AT THE UNIVERSITY OF QUEENSLAND Professor Neil Bergman , Professor of Embedded Systems, School of Information Technology and Electrical Engineering, University of Queensland, Australia
10.50	FUTURE CHALLENGES IN THE DEVELOPMENT OF UAS IN AUSTRALIA Dr Arvind Kumar Sinha , Director of Engineering, Helicopter Systems Division, Defence Material Organisation, Australia
11.20	AIRWORTHINESS MANAGEMENT OF UAS James Coyne , Manager, Future Technology and Sport Aviation, CASA, Australia
OPEN FORUM DISCUSSION	
12.10 – 13.40 - LUNCH AND EXHIBITION	
13.40	UNMANNED SYSTEMS ACADEMY Frank Martin , Chief Executive Officer, Unmanned Systems Academy, Australia
14.10	SMART SKIES: TECHNOLOGIES TO SUPPORT UAS AIRSPACE INTEGRATION Rodney Walker , Director, Australian Research Centre for Aerospace Automation, Queensland University of Technology (ARCAA), Australia
OPEN FORUM DISCUSSION	
14.40 – 15.10 - REFRESHMENTS SPONSORED BY ELBIT AND EXHIBITION	
15.10	UNMANNED AERIAL VEHICLE AS A RESEARCH AND TEACHING PLATFORM FOR EMBEDDED SYSTEMS ENGINEERING Dr Adam Postula , Senior Lecturer, School of Information Technology and Electrical Engineering, University of Queensland, Australia
15.40	THE CAMCOPTER® S-100 VTOL UAS: PROVEN MARITIME AND LAND APPLICATIONS Neil Hunter , Managing Director Sales and Programmes, Schiebel Elektronische Geraete GesmbH, Austria
OPEN FORUM DISCUSSION	
16.10	Closing Remarks
16.30 - CONFERENCE CLOSE	

HELI & UV PACIFIC 2010 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

Which conference would you like to attend? (Tick one box)

- Heli-Pacific 2010 conference UV Pacific 2010 conference (Heli & UV Pacific exhibition only)

Please indicate your rate by ticking the appropriate box.

Rates **EXCLUDE** 10% Australian GST

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"/> AUS\$600	<input type="checkbox"/> AUS\$570	<input type="checkbox"/> AUS\$540	<input type="checkbox"/> AUS\$450
Exhibitor/Supporting Association Member rate	<input type="checkbox"/> AUS\$400	<input type="checkbox"/> AUS\$380	<input type="checkbox"/> AUS\$360	<input type="checkbox"/> AUS\$300
SME rate (Businesses with 250 employees or less)	<input type="checkbox"/> AUS\$500	<input type="checkbox"/> AUS\$475	<input type="checkbox"/> AUS\$450	<input type="checkbox"/> AUS\$375
Military/Government rate	<input type="checkbox"/> AUS\$400	<input type="checkbox"/> AUS\$380	<input type="checkbox"/> AUS\$360	<input type="checkbox"/> AUS\$300
OF5 and above plus Civil Servants Band B2	<input type="checkbox"/> FREE (subject to availability)			
Visitor Exhibition Pass	<input checked="" type="checkbox"/> FREE - 10.00-12.00/14.00-16.00 - excludes refreshments, lunch and conference admittance			
State of Origin Dinner on Wednesday 26th May 2010	<input type="checkbox"/> AUS\$110 (limited places available)			

* 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 AUS\$

Please include 10% GST

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

Australian Dollar Account number:
160/00/16507347

IBAN: GB39 NWBK 6073 0116 5073 47

Swift code: NWBK GB 2L

Card

Please debit my: AMEX Mastercard Visa the sum of AUS\$

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 / /

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.

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.

Fax this form back to:

UK Office

Fax: +44 (0)1753 727002

Tel: +44 (0)1753 727017

Email: bookings@shephard.co.uk

Australian Office

Fax: +612 952 61779

Tel: +612 952 61522

Or book online via www.shephard.co.uk/events