

SAR & CSAR

Conference & Exhibition 15-16 September 2010

Aberdeen Exhibition & Conference Centre,
Aberdeen, Scotland, UK

SAR AND CSAR OVER LAND, SEA AND AIR:
COMMAND AND CONTROL, COMBAT, AND VIRTUAL TRAINING



SAR
NOW IN ITS
13th YEAR

Courtesy of CHC



Courtesy of Tony Osborne

Top SAR & CSAR speakers include:

- Captain Roderick Johnson**,
Chief Coastguard, UK
- Charles Gadula**,
Deputy Commissioner Canadian Coast Guard (Ret'd), Canada
- Lieutenant Colonel Peter Gustavsson**,
Commanding Officer Swedish Armed Forces SERE School, Sweden
- Colonel Steven Hadley MD, FACS; USAF**,
US DoD HH-60 Pilot-Physician, Ophthalmologist, Special Operations Consultant, USAF, USA
- Lieutenant Colonel (USAF Ret'd) Jim Teeple**,
CV-22 Business Development, V-22 Representative, Boeing, USA

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Over the last decade, the rapid advance of technology has brought with it the convergence of search and rescue operations in many developed nations. Developing nations, too, are learning lessons quickly from those who already have the sophisticated tools for all-terrain SAR. It is becoming clear that the 'search' element of search and rescue is reducing through the impact of location and communications technology, and that there is more emphasis being placed on the means of rescue.

SAR AND CSAR OVER LAND, SEA AND AIR: COMMAND AND CONTROL, COMBAT, AND VIRTUAL TRAINING

Helicopters with greater speed and endurance, and high-speed rescue craft, enhance the modern SAR armoury. In the offshore industry in particular, there have been significant developments with the introduction of platform based SAR fleets either acting independently or supporting the nation's SAR services. Tackling fires at sea is also developing, with specialised Maritime Incident Response Groups (MIRGs) being established. Both of these aspects will be included in SAR 2010.

The important area of 'human factors' will be tackled at SAR 2010, with prominent psychologists in the fields of survival and cold water shock, and the psychology of the journalist from an experienced SAR press man.

The use of simulation for training is becoming more common, and the maritime world is beginning to mirror what has happened in aviation. There have been significant developments in FRC simulation, and for the offshore industry, developments in davit and free-fall lifeboat simulation – these will be introduced into SAR 2010.

MILITARY ASPECT

In the military world, there have been improvements, too, in combat SAR with the increased use of unmanned vehicles for surveillance and detection both on land and in the air. There have been development programmes introducing new aircraft and vessels within military regimes. SAR 2010 will look at developments in this field. We will also have presentations on real-life combat SAR missions. Combat SAR will be a separate conference which will run alongside the SAR programme on day one.

All this and more will be presented and exhibited at SAR 2010, where delegates will have the opportunity to discuss many important SAR issues. There will also be ample opportunity for delegates to explore the exhibition, and to see and experience new hardware and software first hand.



WHO WILL ATTEND SAR 2010?

- Air Force
- Army
- Marines
- Navy
- Border Patrol and Immigration
- Flight Training
- EMS, SAR and Fire-fighting
- Coastguard
- Broadcasting
- Heavy Lifting
- Surveying
- Customs and Police
- MRO Organisations
- CEOs, Presidents, Managing Directors
- Purchasing and Technical Directors
- Pilots
- Manufacturers, Suppliers and Operators
- Emergency Management

WHO SHOULD EXHIBIT:

- Helicopter Operators
- EMS, SAR and Safety Equipment
- MRO Companies
- Fire-fighting Equipment
- Law Enforcement Equipment
- Training and Simulation Products
- Night Vision Equipment
- Accessories and Components
- Software, IT and Communications
- Headsets
- Hoists and Hoisting Equipment
- Ground Support Equipment
- Finance, Leasing and Insurance

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 Rotorhub handbook 2009-10
- FREE one-year subscription to *Rotorhub* magazine
- UNLIMITED ACCESS to conference sessions and exhibition
- Conference support to delegates
- Catering during conference
- Superb exhibition space

To book your delegate place at SAR 2010, please email:
bookings@shephard.co.uk or call **+44 (0)1753 727017**

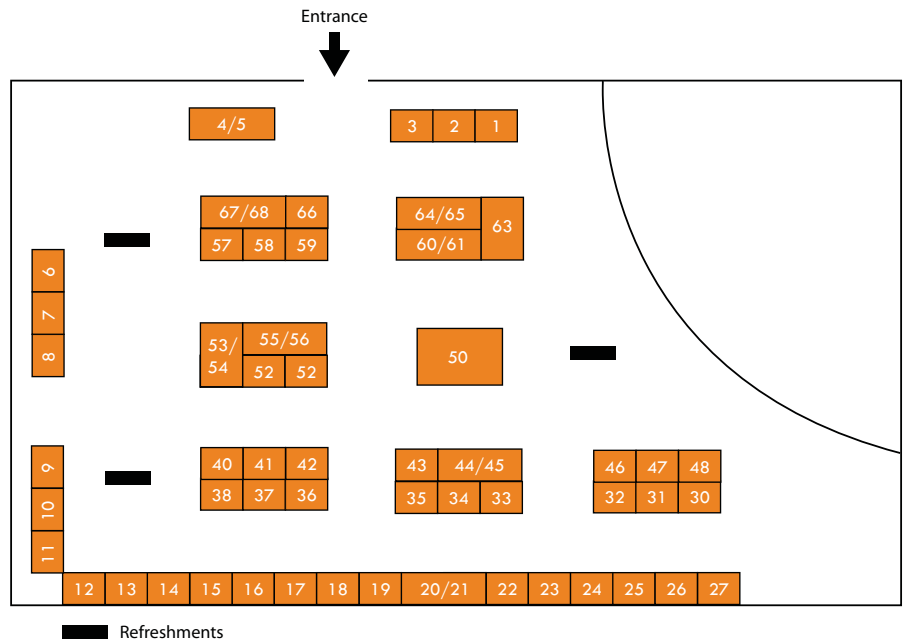
EXHIBITING AT SAR 2010

Exhibition booth package includes:

- Shell scheme (3m x 2m)
- Fascia ID sign
- One electrical socket and two spotlights
- Technical advice and support
- Two complimentary delegate places
- 25% discount off full conference rate for additional delegates

Booth size 3m x 2m - £2,690

Booth size 6m x 2m - £5,240



SAR 2010 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.

PARTNERSHIP OPPORTUNITIES AT SAR 2010

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 search and rescue community, whilst enabling you to engage an industry-focused audience in a relaxed atmosphere of goodwill.

Partnership opportunities include:

Pre-conference Workshop

Speakers' Dinner SPONSORED BY 

Official Drinks Reception Day 1

SPONSORED BY 

Registration and Refreshments

on Arrival SPONSORED BY 

Delegate Lanyards

Delegate Folders

Delegate Bags

Lunch Breaks Day 1 and 2

Refreshment Breaks Day 1 and 2

DAY 1 SPONSORED BY 

Internet Area

Delegate Gifts

Event Guide SPONSORED BY



Quarter-page advert in Event Guide

VENUE INFORMATION

Aberdeen Exhibition & Conference Centre

Bridge of Don,
 Aberdeen,
 Scotland, AB23 8BL

Tel: +44 (0) 1224 824824

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Email: aecc@aecc.co.uk

Web: www.aecc.co.uk



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SAR CONFERENCE PROGRAMME – WEDNESDAY 15 SEPTEMBER 2010

SAR IN THE MODERN WORLD – SEARCH, RESCUE AND SIMULATION

Programme may be subject to change

8.00 - 9.00 – ARRIVAL REFRESHMENTS SPONSORED BY AGUSTAWESTLAND AND EXHIBITION	
9.00	CHAIRMAN'S OPENING REMARKS Charles Gadula , Deputy Commissioner Canadian Coast Guard (Ret'd), Canada
9.15	OPENING ADDRESS Captain Roderick Johnson , HM Chief Coastguard and Assistant Director Coastal Safety, Maritime and Coastguard Agency, UK
9.50 - 10.20 – REFRESHMENTS SPONSORED BY AERODATA AG AND EXHIBITION	
SESSION ONE – INTERNATIONAL SAR DEVELOPMENTS	
10.20	OPERATIONAL DEVELOPMENTS IN THE RNLI Michael Vlasto, OBE FRIN FNI , Operations Director, Royal National Lifeboat Institution, UK
10.40	PSYCHOLOGICAL FACTORS IN FOSTERING SURVIVAL RESILIENCE Dr Roderick J Ørner , Consultant Clinical Psychologist and Visiting Professor at the University of Lincoln, UK, and Director ForceMajeureMaritime, Norway
11.00	MISSION MANAGEMENT SYSTEM FOR AIRBORNE SPECIAL MISSIONS – NEW ARCHITECTURE AND TECHNOLOGIES Bodo Gerlach , Director, Business Development and Sales, Aerodata AG, Germany
11.20	THE MULTIPLE BEACON DILEMMA Barry Thrower , Business Development Manager, HR Smith Group of Companies, UK
12.00	INTERNATIONAL MARITIME RESCUE FEDERATION - RESPONDING IN A CHANGING WORLD Michael Vlasto, OBE FRIN FNI , Chairman, IMRF, UK
12.20 - 13.45 – LUNCH SPONSORED BY HR SMITH AND EXHIBITION	
SESSION TWO – INTERNATIONAL SAR DEVELOPMENTS CONTINUED	
13.45	HELICOPTER ACCIDENTS IN AMERICAN MOUNTAIN RESCUE Charley Shimanski , Education Director, USA Mountain Rescue Association, USA
14.10	French SAR presentation
14.30	APPLICATION OF NEW TECHNOLOGY TO EMERGING FUTURE SAR REQUIREMENTS Ian McLuskie , UK SAR Business Unit Leader, CHC Search and Rescue, UK
14.50	AGUSTAWESTLAND – BA609 TILTROTOR: A NEW DIMENSION FOR SAR Cesare Arcari , Vice-President BA609 Program, AgustaWestland, Italy
15.10 - 15.40 – REFRESHMENTS SPONSORED BY AERODATA AG AND EXHIBITION	
SESSION THREE – THE HUMAN ELEMENT	
15.40	RESEARCH-INFORMED POLICY, PRACTICE AND REGULATION: HUMAN ELEMENT IN EVACUATION, ESCAPE, SURVIVAL AND RESCUE Professor Scott MacKinnon , Director, SafetyNet Centre for Occupational Health and Safety (OHS) Research, Memorial University of Newfoundland, Canada
16.00	SUDDEN DEATH AND PROLONGED SURVIVAL ON IMMERSION IN COLD WATER Professor Mike Tipton , Professor of Human and Applied Physiology, University of Portsmouth, UK
16.20	GETTING THE MESSAGE Mark Clark , Communications Manager, Maritime and Coastguard Agency, UK
16.40	AIRCRAFT CO-ORDINATION IN FINNISH MARITIME SAR Lieutenant Colonel Santtu Mannila , Chief of Flight, Turku Air Patrol Flight, Air Patrol Squadron, Finnish Border Guard, Finland
17.00	OPEN FORUM DISCUSSION
17.20	CLOSING REMARKS
17.30 – DRINKS RECEPTION SPONSORED BY SOTERIA	



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CSAR CONFERENCE PROGRAMME – THURSDAY 16 SEPTEMBER 2010

SAR IN THE MODERN WORLD – JOINT PERSONNEL RECOVERY

Programme may be subject to change

8.00-9.00 – REGISTRATION, REFRESHMENTS AND EXHIBITION	
9.00	CHAIRMAN'S OPENING REMARKS Air Marshal Philip Sturley CB, MBE , Senior Military Advisor, Shephard Group, UK
9.15	PERSONNEL RECOVERY Lieutenant Commander Rodolfo Calabro , Staff Officer (Italian Navy), Joint Air Power Competence Centre (JAPCC), Germany
9.35-10.05 – REFRESHMENTS AND EXHIBITION	
SESSION ONE – COMBAT MISSIONS	
10.05	SPECIAL OPERATIONS Colonel Steven Hadley MD, FACS; USAF , US DoD HH-60 Pilot-Physician, Ophthalmologist, USAF, USA
10.45	AIDING JSF AIRCREW SAFETY Barry Thrower , Business Development Manager, HR Smith Group of Companies, UK
11.20	ISRAELI MISSIONS Israeli Speaker , Israel
12.00-13.30 – LUNCH AND EXHIBITION	
SESSION TWO – THE FUTURE OF COMBAT SAR – LESSONS FROM IRAQ AND AFGHANISTAN OPEN PANEL DEBATE	
13.30	Lieutenant Colonel Peter Gustavsson , Commanding Officer Swedish Armed Forces SERE School, Sweden Colonel Steven Hadley MD, FACS; USAF , US DoD HH-60 Pilot-Physician, Ophthalmologist, Special Operations Consultant, USAF, USA Lieutenant Colonel (USAF Ret'd) Jim Teeple , CV-22 Business Development, V-22 Representative, Boeing, USA Israeli Speaker , Israel Lieutenant Commander Rodolfo Calabro , Staff Officer Personnel Recovery (Italian Navy), Joint Air Power Competence Centre (JAPCC), Germany
14.45-15.15 – REFRESHMENTS AND EXHIBITION	
SESSION THREE – TRAINING	
15.15	CONDUCT AFTER CAPTURE Lieutenant Colonel Peter Gustavsson , Commanding Officer Swedish Armed Forces SERE School, Sweden
15.35	AFGHANISTAN PERSONNEL RECOVERY Flight Lieutenant (Ret'd) Conrad Allen , Managing Director, SERE, UK
15.55	MV-22 OSPREY RECENT ACCOMPLISHMENTS IN OIF, OEF HAITI & MEU MEDEVAC MISSIONS Lieutenant Colonel (USAF Ret'd) Jim Teeple , CV-22 Business Development, V-22 Representative, Boeing, USA
16.15	OPEN FORUM DISCUSSION
16.36	CHAIRMAN'S CLOSING REMARKS
16.45 – END OF CONFERENCE	



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8.00 - 9.00 – REGISTRATION, REFRESHMENTS AND EXHIBITION	
9.00	CHAIRMAN'S OPENING REMARKS John Astbury CBE , former CEO, UK MCA and International Consultant, UK
9.10	FRC, DAVIT, AND FREE-FALL LIFEBOAT SIMULATION Captain Anthony Patterson , President and CEO, Virtual Marine Technology Inc, Canada
9.40 - 10.10 – REFRESHMENTS AND EXHIBITION	
SESSION FOUR – TRAINING AND SIMULATION	
10.10	RESULTS OF GERMAN WIDE SURVEY ON URBAN SAR Quirin Hamp , Scientist and Approved Paramedic & M.-Eng, IMTEK, University of Freiburg, Germany
10.30	MASS EVACUATION AND CRISIS MANAGEMENT IN THE MARINE INDUSTRY Professor Dracos Vassalos , Professor of Maritime Safety, Department of Naval Architecture and Marine Engineering, University of Strathclyde, Scotland, UK
10.50	SPATIAL RISK ANALYSIS FOR EFFECTIVE SAR RESOURCE ALLOCATION Dr Ronald Pelot , Professor, Department of Industrial Engineering, Dalhousie University, Canada
11.10	DECISION SCIENCES AND SEARCH PLANNING – USING MATHEMATICS TO SAVE LIVES Dr Irène Abi-Zeid , Professor, Laval University, Canada
11.30	WATER SAR IN THE ITALIAN NATIONAL FIRE DEPARTMENT – OPERATIONAL DEVELOPMENTS IN HELICOPTER RESCUE Emanuele Franculli , Director Area IV Central Directorate for Emergency and Rescue Technician, Ministry of the Interior Fire Department, Public Aid and Civil Defence, Italy Simone Segna , Core Divers, Principle Command Naples Fire Department, Ministry of the Interior Fire Department, Public Aid and Civil Defence, Italy Fabio Cuzzocrea , Director of the Chamber of the National Service Divers, Ministry of the Interior Fire Department, Public Aid and Civil Defence, Italy
11.50	OPEN FORUM DISCUSSION
12.00 -13.30 – LUNCH AND EXHIBITION	
SESSION FIVE – COMMAND AND CONTROL	
13.30	MARITIME INCIDENT RESPONSE GROUP (MIRG) – OFFSHORE FIREFIGHTING Fred Brown , Fire Liaison Manager, Maritime and Coastguard Agency Maritime Incident Response Group (CA MIRG), UK
13.50	DECISION SUPPORT SYSTEMS OR CO-ORDINATING SAR IN THE OFFSHORE INDUSTRY Patrick Maupin , GP leader, DRDC Valcartier, Canada or Pete Thomson , MRCC Aberdeen
14.10	COMMAND 7 CONTROL IN THE NORTH SEA Pete Thomson , Offshore Energy Liaison Officer, Maritime and Coastguard Agency, MRCC Aberdeen, UK
14.30	OLD-STYLE SEAMANSHIP IN SEARCHING: THE MISSING LINK? Ton Haasnoot , Director of Operations, Maritime Rescue Institute (MRI), UK
14.50	OPEN FORUM DISCUSSION
15.00 - 15.30 – REFRESHMENTS AND EXHIBITION	
SESSION SIX – MOUNTAIN, FAST WATER AND URBAN RESCUE	
15.30	SEARCHING FOR DROWNED VICTIMS Neil Powell , Training Officer, Search & Rescue Dog Association, Northern Ireland, UK
15.50	MOUNTAIN RESCUE SCOTLAND Alfie Ingram , Mountain Rescue Committee of Scotland, Scotland
16.20	USCG TRAINING DEVELOPMENTS Lieutenant Commander Flip Capistrano , MH-65 Helicopter Branch Operations Officer, US Coast Guard Aviation Training Center, USA
16.45	OPEN FORUM DISCUSSION AND CLOSING REMARKS
17.00 – CONFERENCE CLOSE	

