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8th Global Conference & Exposition

mastAmericas

Maritime Systems and Technology

*Maritime Partnerships for Global Security
Assuring Value and Affordable Solutions*

Marriott Wardman Park, Washington DC, USA
Monday 14th to Wednesday 16th November 2011

MAST Americas 2011 Call for Papers

Spotlight your capabilities-driven technologies and solutions



Maritime Security * Operations & Capabilities * Platforms * Systems * Technologies



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Don McCormack (MAST Americas 2011 Chairman)
Technical Director, Naval Undersea Warfare Center, United States

I am honored to have been asked to serve as the Chairman of the Second MAST Americas Conference which will once again be held in Washington, D.C.

The first Conference, held in June of 2010, was both productive and thought-provoking. It united the major stakeholders from International Maritime Security and Defense communities, while successfully tapping into the maritime expertise that exists in North and South America. We were privileged to have keynote addresses from the United States Chief of Naval Operations as well as a panel of US naval acquisition program managers. In addition, a plenary session on MAST's Educational Initiative was also presented along with the first presentation of the VADM J Guy Reynolds Education Award.

One of the strengths of the MAST conferences is the ability to bring together influential government, academic, and industry participants to tackle a broad spectrum of issues regarding the research and development, design, engineering, test and evaluation, training and operation of maritime systems. Our theme for MAST Americas 2011,

“Maritime Partnerships for Global Security - Assuring Value and Affordable Solutions” is a purposeful repeat of last year’s theme with an added emphasis. It recognizes the key factors of value and affordability as major challenges we all must address. Further, it re-emphasizes the importance of our global partnerships in achieving this and maintaining security for all. Implicit in the theme is the need to find affordable technological, system and political solutions for maritime security and fostering further discussion, partnering and cooperation of the global community. These are the types of efforts that a MAST conference excels at and is a major focus for our upcoming conference.

I am inviting you to submit an abstract and to fully participate in this year’s MAST Americas conference.

By submitting your high-quality paper to MAST Americas 2011, you gain an opportunity to challenge and share insights with some of the brightest minds working in surface, undersea and air and space environments; as well as in enabling technologies, such as those now in the research, development or deployment stages.

I look forward to your submissions and hope I will have a chance to greet you in person in November!



Photos of US Navy Chief of Naval Operations and PEOs taken at MAST Americas 2010



The global maritime conference and exposition where leaders gather to share security and defense concepts, capabilities, and enabling technologies

The second MAST Americas - again **Sponsored by the US Navy** (via NAVSEA/NUWC) - is the only event of its kind taking place in the Washington DC area.

MAST Americas 2011 will unite the major shareholders from **international maritime security and defense communities** to discuss and debate **future maritime capabilities requirements and concepts**, and explore the full range of **future (and state-of-the-art) enabling technologies**.

Organized by a **distinguished committee of respected decision-makers from government, industry and R&D/academia**, MAST Americas meets the demand for an annual North American event at which: **1) key security and defense issues are tackled by the authorities and innovators in surface, undersea and air& space environments; 2) operational leaders present users’ perspectives 3) enabling technologies are presented by international suppliers.**

MAST Americas 2011 will spotlight an unprecedented breadth of maritime security and defense topics and technology (from operational/policy-forming and technological standpoints), and engage an audience as diverse as now expected of the long established MAST brand....

MAST Americas’ audience comprises decision-makers responsible for the **formulation, development and implementation of policies, strategies and plans**; and those who **research, produce, evaluate, procure and the operators that deploy the game-changing technologies.**

MAST Americas 2011 will take place at Marriott Wardman Park, Washington, DC, United States between Monday 14th and Wednesday 16th November 2011.

Organized by experts, for experts: The MAST Americas Technical Conference Committee (TCC)

MAST’s global reputation is founded firmly with the team that meets regularly to guide and direct all MAST developments - the MAST Americas Technical Conference Committee (TCC).

Leaders in their own fields of expertise, TCC members represent over thirty government, research & development, academia, and industry organisations, from 14 countries and Americas, Europe, Asia and Pacific regions. For a full profile of the committee, see:

www.mastamericas.com/committee.asp



Want to present?

Upload your abstract at:

www.mastamericas.com

or contact Warren Edge

+44 (0)7900 383306

warren.edge@mastevents.com

Why present a paper at MAST Americas 2011?

Whether you participate in MAST Americas as a delegate, visitor, author, or other, all pre-show, on-site and post-show activities is designed to unite you with your international colleagues, contacts and counterparts. However, *present a paper at MAST*, and the value you will get from the event increases exponentially...

1. Reach all your audience(s)

Conference themes target participants from 'three tiers' of the decision making process, so you meet the full spectrum of global leaders (from specialists in strategy device and deployment to those engaged in technology development and evaluation).

2. Meet all event participants

Event organizers typically divide attendees into disparate sub-groups (e.g. trade-show visitors, exhibitors, conference delegates, etc). MAST more closely integrates its events' features and audiences, so you get maximum access to all attendees, more of the time.

3. Present your work in the best environment

Submitted abstracts are scrutinized by an independent panel of experts, for criteria including: exclusivity; value of information; and innovation. Presenting your work in this highly selective environment, puts it at the heart of a 'center of excellence' for maritime security and defense information, and you gain recognition amongst the most respected global maritime authorities and your peers.

4. Get referenced worldwide

All MAST Americas 2011 papers will be distributed worldwide via MAST website hosted workspaces, and via a comprehensive post-show PDF sent to all relevant institutions: You will get referenced more widely than ever.

5. Make new partnerships

As well as members of MAST's core audience (end-users; policy makers; procurement executives; technologists), MAST events provide a good ground to meet potential business partners, collaborators, and investors.

6. Share information

Operational and commercial collaborations are key to the evolution of maritime security and defense community. With its diverse targeted international participation, MAST Americas creates the perfect environment to discuss strategies and keep up-to-date with global technology developments.

7. Discover operators' needs

MAST Americas speakers will have direct access to the senior maritime defense and security audience: You can get the inside track on future projects and policies and discover how your work will be of potential value.

8. Get FREE conference registration

All MAST Americas speakers will automatically receive complimentary registration for their day(s) of presentation,

including free lunches, refreshments and invitations to social functions.

9. Visit the global exposition

Taking part in the conference puts the technology on display in the adjacent exposition into context.

MAST Americas 2011 exposition will showcase future and state-of-the-art maritime security and defense platforms, systems, and solutions for: **Maritime Security** (Force protection; Coastal surveillance; Harbor surveillance; Blue waters); **Mission Systems** (Mono-platform Systems [Combat systems, CMS, Ship management systems, etc]; Multi-platform Systems [NCW/NEC, integration of Autonomous Vehicles - USVs, UUVs, UAVs]); **Network Enabled Capability; Platform Design** (Ships, boats, crafts and autonomous vehicles design; Masts, propulsion, energy sources; New concepts); **Sensors & Weapons** (Radars, optronics, electronic warfare, etc; C4ISR, Communications; Weapons: missiles, guns, high energy lasers, etc; Countermeasures).

MAST Americas will present the full perspective of future capabilities, concepts, and enabling technologies to the most diverse, influential audience you will ever meet...

Make sure your work gets the exposure it deserves, make sure you present a paper MAST Americas 2011.

Want to exhibit?

Contact Jackie Baron

+44 (0)7900 263557

or Mark Colyer

+44 (0)7825 152312

jackie.baron@mastevents.com

mark.colyer@mastevents.com

Main office phone:

+44 (0)1892 824418

Anything else?

see: www.mastamericas.com



Call for papers

Deadline for Abstracts: Wednesday 27th April 2011

Contributions describing new work are invited for presentation during the second annual MAST Americas conference.

Operations/policy and technology based papers are sought in: the maritime security and defense domains and topic areas listed (see chart) as well as other areas of relevant and transferrable technologies.

Abstract Requirements

Your abstract(s) must be: in **English**; between **150 and 250 words**; describe the what is new/ exclusive/ relevant about the final paper e.g. in terms of innovation/ strategic relevance/ interest to MAST America's senior-level global maritime security and defense audience.

You should define the paper as operational, policy, conceptual or technical and distinguish between practical, simulated, and theoretical results, and must be submitted no later than **27th April 2011**. Where appropriate, clearance from your organization or relevant national authority should be sought.

Instructions for submissions

1. Log in to the MAST Member's Area:
www.mastamericas.com/members.asp

NB: MAST Community membership is free-of-charge and gives you access to exclusive features such as the MAST Contact Exchange global networking facility, MAST e-News, and various downloads.

2. Click Upload your session abstract
3. Complete the on-line form:

a) Chose Domain

Select which maritime security/defense domain your abstract best fits i.e. that which best defines the

predominant domain in which your ideal audience is active. Options are: Surface; Undersea; Joint Systems (System-of-systems). All domains will feature MAST's typically broad scope of maritime security, defense and related activities/technologies. The Sub-committee Chairman and Topic Managers will make the final decision where to allocate your paper (if accepted).

Example one: Your paper discusses ASW from a frigate perspective - select "Surface". Example two: Your paper concerns communications between air, surface and undersea platforms/agencies/forces - select "Joint Systems".

Example three: Your paper discusses the contribution of airspace operations/technology to maritime security - select "Joint Systems".

b) Select Topic area

for example "Maritime Security"

c) Select Sub-topic category

for example "Missile defense"

Security and Operations & Capabilities: Power projection; Enabling interoperability; Maritime operations in a joint environment; Force protection; Littoral operation; Decision superiority/ Net Centric Warfare (NCW)/ Network Enabled Capability (NEC); Missile Defense; Platform protection; Autonomous vehicles operations; Human factors/ optimized manning; Time critical strike; Major Trends in Maritime Security; The Future Focus of Maritime Security; Maritime security: Today's Capabilities and its Focus for the Future.

Example subjects for papers on Systems: Mission Systems: Combat Systems, CMS, Ship management systems; NCW/ NEC; Integration of Autonomous Vehicles; Survivability (inc. Signature management) C4ISR & Communications; Open system architecture; Rapid capability insertion; Training & Simulation.

Put yourself at the heart of MAST Americas Every hour, every day



The **Marriott Wardman Park** will host all seminars, workshops, product briefings, international exhibition, and social functions (including the Admirals' buffet, MAST party, Happy hours, Delegate refreshment breaks, exhibitor hospitality, etc.), and other pre and post show functions. All hosted guests and speakers, VIPs, committee members, organisers, sponsors and partners will stay at the Marriott during the event (and – with the hotel's ideal location for a short sightseeing break – many before and after, too!).

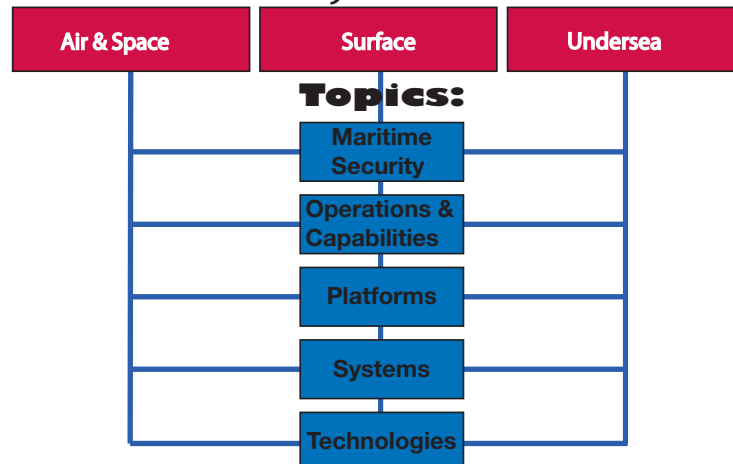
As a hotel guest, your bedroom will be just moments away from all the action. You will find yourself immersed in the 24-hour MAST Americas networking environment: engaged in chance meetings with key prospects and arranging impromptu discussions and hospitality with your key international maritime security and defense contemporaries and counterparts.

The hotel offers **Government per-diem rate** accommodation, as well as the **guaranteed lowest rates** for non-government attendees.

<http://cwp.marriott.com/wasdt/mast/>

Maritime Partnerships for Global Security Assuring Value and Affordable Solutions

Maritime security & defence domains:



d) Enter Abstract Title (in Title Case)

e) Cut-and-paste your abstract text into the form

Repeat for subsequent submissions. You will immediately receive an e-mail receipt. You will be notified of the committee's decision to accept or reject your paper, by the conference secretariat in May 2011.

Example subjects for papers on Maritime

Example subjects for papers on Platforms and

Technologies: Future platform design (Ships, boats, crafts and autonomous vehicles inc. Masts, Propulsion, Energy sources, etc.); Communications; Sensors & Weapons: Radars, optronics, electronic warfare; Missiles, guns, high energy lasers; Countermeasures; Use of internet technologies: Open source software; Human factors technologies for reduced manning.

Who you'll meet

Operators/End-users * Military Planners * Capability Directors/Managers * Senior Naval Officers * Naval/ Defense Attachés * Ambassadors * Senior Scientists * Naval Architects * Engineers * Research & Development experts * Program Executive Officers * Acquisition Managers * Technical Specifiers (MAST Americas is open to all bona fide security & defense representatives inc.: **Active Duty, Reserve and Retired US Military, Civilian Federal Employees, and Members of Congress and their staff.**)

Examples of past authors' organisations

Australia: Thales Underwater Systems/ **Canada:** Compusult Limited, Defence R&D Canada, Marport Canada Inc., Rutter Technologies/ **Finland:** Napa Ltd., Surma Ltd./ **France:** DCNS, Thales Air Systems, Thales Underwater Systems/ **Germany:** ATLAS Elektronik GmbH, Carl Zeiss Optronics GmbH, L-3 Communications ELAC Nautik GmbH, TKMS Howaldtswerke-Deutsche Werft/ **Israel:** DSIT Solutions/ **Italy:** NATO Undersea Research Centre/ **Russia:** State Marine Technical University/ **Spain:** Navantia/ **Sweden:** Saab AB/ **The Netherlands:** Thales Naval/ **Ukraine:** Institute of Hydromechanics, National Academy of Sciences/ **United Kingdom:** Cambridge Consultants Ltd, Chemring Countermeasures, IDS UK, SEA, SeeByte, Servovatch Systems, Sonardyne International, Vale Atlantic/ **United States:** Applied Physical Sciences, BAE Systems, Battelle Memorial Institute, Castel Research Inc., Channel Logistics LLC, Chief of Naval Operations, DRS Sonar Systems, General Dynamics Electric Boat, Goodrich Engineered Polymer Products, Hi-Q-Antennas, ITT Mine Defense Systems, L-3 MariPro, Mission Solutions Engineering, LLC, Naval Sea Systems Command, Naval Surface Warfare Center (Carderock Division), Naval Surface Warfare Center (Dahlgren Division), Naval Surface Warfare Center (Indian Head Division), Naval Surface Warfare Center (Panama City Division), Naval Surface Warfare Center (Port Hueneme Division), Naval Undersea Warfare Center (Division Keyport), Naval Undersea Warfare Center (Division Newport), ORBCOMM, Program Executive Office (PEO) - SHIPS, Program Executive Office (PEO) - IWS, Program Executive Office (PEO) - LMW, Program Executive Office (PEO) - SUBS, Tech Associates, LLC, Thales North America, University of Michigan, William Key Technical Group