



DTA-NTS 2009

4-5 March 2009 Marina Mandarin Hotel, Singapore
www.dtaevents.com

- > Submarine & ASW Asia 2009
- > Naval Surface Ship Asia 2009
- > Unmanned Vehicle Systems Asia 2009

Technology - The Force Differentiator

Guest of Honour
Dr Tan Kim Siew
Permanent Secretary
(Defence Development)
Ministry Of Defence, Singapore

Keynote Addresses by
Rear Admiral Chew Men Leong,
Chief of Navy, RSN

Rear Admiral Onofrio Flagiello
Chief of Research & Tech, Italian MOD

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1

Defence Technology Conference (DTC) is organising DTA-NTS 2009 on the 4th & 5th March 2009 at Marina Mandarin Hotel, Singapore

Defence Technology Asia (DTA) Conferences organized by DTC since 2003, has held a series of successful events with focus on technologies and developments in Submarine & ASW (SASW), Naval Surface Ships (NAVSA), Coastal Defence (CD) & Maritime Security (MSA), Unmanned Vehicles & Systems (UVS), Homeland Defence (HLD), Satellite Technologies (SATTECH) and Air Defence Technologies (ADTA).

NTS has evolved from the successful **Naval Platform Technology Seminar (NPTS) which has been organised by the RSN since 1992** to focus on naval technology as part of the RSN's technology watch and is now been integrated with DTA Conference Series by DTC.

DTA-NTS 2009 will be the premier naval technology event held in the region. DTA-NTS 2009 is designed to be the world-class forum in Singapore with focus on Submarine & ASW and Naval Surface Ship Technologies and Unmanned Vehicle Systems.

DTA-NTS 2009 designed under the theme **“Technology – The Force Differentiator”** will bring leading Defence Organisations and their domain experts in face-to-face interactions with regional Navies and their decision makers to discuss new and emerging Technology Innovations and facilitate understanding the needs of the Navies.



2

Your Naval Technology Market

Participation in DTA-NTS 2009 conference will allow your organisation access to 500 regional delegates who are strategic decision makers in the naval domain.

The key delegates would include:

From ASEAN/Asia – Naval Decision Makers, Directors of Naval Operations, Planning & Budgeting, Logistics & Training, Heads of Acquisition & Programme Management Agencies, Research & Development and Technology Strategists

International: Leading International Defence Organisations and their regional representatives Technologists from Ministries of Defence and Senior Defence Technologists from Europe, US and Asia



3

Focused Workshop/Training Programme Opportunities

DTA-NTS 2009 will feature strategic workshops and training programs held by leading naval technologists.

3

DTA-NTS 2009 will bring together experts from around the world to Singapore, **creating a unique environment that allows industry and end-users to exchange know-how and share experiences**, in technologies applicable for today's navies under the theme

DTA-NTS 2009 will reflect the specific requirements of the Users in Asia and beyond. The content for the conference is designed to represent the latest in naval capabilities and technologies.

DTA-NTS 2009 Program Overview

OPENING CEREMONY																													
Day 1, Wednesday, 4th March 2009																													
7:30 AM	Registration & Coffee																												
9:00 AM	Welcome & Opening Video																												
9:10 AM	Keynote Address - RADM Chew Men Leong, Chief of Navy, RSN																												
9:40 AM	Keynote Address - VADM Prem Sudhan, Vice Chief of Navy, Indian Navy (to be confirmed)																												
10:10 AM	Keynote Address - RADM Onofrio Flagiello, Chief of Research & Technology & National Research Planning, Ministry of Defence, Italy																												
10:40 AM	Coffee Break																												
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Day 2, Thursday, 5th March 2009

7:30 AM	Registration & Coffee	
	NAVAL SURFACE SHIPS	UNMANNED VEHICLES & SYSTEMS
	Platforms & Simulation	Advanced Platforms
	Session Chair	Session Chair
8:30 AM	New Naval Platform Technologies, TKMS	Remote-Multi-Mission Vehicle, LM MS2
8:55 AM	Battle Damage Control, MTU	The Modular USV Approach, ST Elect (Large Scale Systems)
9:20 AM	Applications of Simulation Techniques in Engineering Services, GL	HERON Maritime UAV System, Malat, IAI
9:45 AM	The Platform Emulator in a Total Ship Training Concept, MarineSoft	Developing UAVs Deployment at DCNS
10:10 AM	The "Super Integrated Mast": Revolution in Naval Architecture, The True Modular Ship Design, TND	
10:35 AM	Coffee Break	
	NAVAL SURFACE SHIPS	UNMANNED VEHICLES & SYSTEMS
	Sensors & Electronic Warfare	Control & Surveillance Systems
	Session Chair	Session Chair
10:50 AM	Automatic Sea Vision, Sea-on-Line	Distributed Co-ordination of Unmanned Surface Vehicles, TKMS
11:15 AM	Solid State Driven Modern EW Systems Architecture, Elettronica	Command & Control of AUVs, ARL-NUS
11:40 AM	Innovative Coded Pulse Low Probability of Intercept (LPI) Radar Family For Navigation & Surveillance, Selex Galileo	From RODEUR to Post-SPARTAN, DCNS
12:05 PM	Integrated Ship Surveillance System, TND	VTOL UAV For Maritime ISR Role, Malat, IAI
12:30 PM	Lunch	
	SUBMARINE & ASW	UNMANNED VEHICLES & SYSTEMS
	Sonars & Sensors	Combat Platforms & Systems
	Session Chair	Session Chair
1:30 PM	Deterring & Disorienting Mobile Objects to Protect Against Divers, WASS	Innovative LWT Launching System Concept for Application Onboard an USV, Eurotorp
1:55 PM	Sonar & Video Perception Processing for an Autonomous Mine Killer, TUS	Mine Sweeping USV's, TKMS
2:20 PM	Optimum Dipping Sonar Design for Operation in Shallow Tropical Waters, L3 Ocean Systems	
2:45 PM	Highly Representative Artificial Target, WASS	
3:10 PM	A Comprehensive View of Tdoa Based Digital Sensor On The Naval Submarine, Elettronica	
3:35 PM	Coffee Break	
3:55 PM	Panel Discussion – Advancements in Naval Ship Designs – Future Patrol Vessels	
4:20 PM	Participating Organisations – TKMS, TND, LM MS2, Elettronica, GL, DCNS, MTU, NUS,	
4:45 PM	SSPA/TUHH	
5:10 PM	Adjourned for Conference Closing Session	

Strategic Network Expansion

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DTA-NTS 2009 will provide extensive networking opportunities for delegates from Asia and beyond. We have several formal and informal activities geared towards enabling participating delegates to interact and share knowledge and experiences with key decision makers from the region and beyond.

- Interact with key officials from local, regional and international naval technologists
- Build your brand with the decision-makers
- Give you the best Asian coverage of naval defence domain
- Target your message to your precise audience
- Network with worldwide leaders in naval technology
- Obtain direct access to potential clients during and after the event

7

Meeting Place for Naval Professionals and Technologists



Maps Courtesy: www.theodora.com

Savings for the Quick

We have attractive savings for individuals and group bookings. Please check our website at http://www.defencedirectory.com/new_registration/onlineregistration.asp

DTA-NTS 2009 Delegate Registration

- DTA-NTS 2009 is expected to attract an audience of 400-500 participants, including key naval decision makers and technology strategists from the region and beyond.
- DTC undertakes to bring high profile decision makers from the region to this commercial event. Companies will showcase their leading edge technologies and solutions at DTA-NTS 2009.
- Government, Academic and Research establishments will present technical papers at DTA-NTS 2009.
- DTC has different participation packages which will allow your organisation to get maximum delegate value at DTA-NTS 2009 conference, workshops and its related networking events.

DTA-NTS 2009 International Conference 4th & 5th March 2009 [Per Delegate]

Delegate Type	Registration By 31 Jan 2009	Registration From 1 Feb 2009	Walk In
Industry Delegates	S2303*	S2942*	S\$3200
MOD/MHA Delegates [Uniformed Services]	S1172*	S1705*	S\$1900

* For details and online payment please

visit: http://www.defencedirectory.com/new_registration/onlineregistration.asp

For further details and enquiries please contact:

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