

2012 PACIFIC

INTERNATIONAL MARITIME EXPOSITION
SYDNEY CONVENTION AND EXHIBITION CENTRE

31 JANUARY - 3 FEBRUARY 2012



MARITIME AUSTRALIA
LIMITED



Australian Government
Department of Defence
Defence Science and
Technology Organisation

DSTO

Maritime Defence Technology Symposium

G04 Parkside, Darling Harbour, Sydney Convention & Exhibition Centre

Science and Technology for Amphibious Capability Program

WEDNESDAY 1 FEBRUARY 2012

TOPICS COVERED INCLUDE:

- Command and Control
- Capability Development
- Amphibious Simulation Tools
- Platforms

THE KEYNOTE ADDRESS WILL BE GIVEN BY:

BGen Mark Wise Commanding General, Marine Corps Warfighting Laboratory, USA

KEY CONTRIBUTIONS FROM:

Dr Warren Harch, Acting Chief Defence Scientist, DSTO

AVM Neil Hart, Head, Joint Capability Coordination

RADM Peter Hudson, Chief of Staff (Capability), Naval Command HQ, UK

Mr Jose Prieto Munoz, GMV, Spain

Mr Juan Martinez, INDRA, Spain

Mr Patrick Spring, Naval Surface Warfare Center, USA

Mr Vince Goulding, Director, Experiment, Marine Corps Warfighting Laboratory, USA

Mr Verran Dutschke, DSTO

Mr Dean Bowley, DSTO

LTCOL Damian Hill, Land Warfare Development Centre

Mr Mike O'Neal, Marine Corps, USA

Mr Rowan Tink, Manager Amphibious Capability Development, BAE Systems Australia

Dr Geoffrey Main, Seabasing Program Manager, Office of Naval Research, USA

Mr Dexon Guzman, COL USAF (Ret), Northrop Grumman, USA

Science and Technology for Amphibious Capability

Wednesday 1 February

- 08.50 - 09.10** *Welcome and Opening*
Dr Warren Harch
Acting Chief Defence Scientist, DSTO
- 09.10 - 09.30** *Australian Amphibious Capability: The Strategic Direction*
AVM Neil Hart, Head, Joint Capability Coordination,
- 09.30 - 10.00** *Keynote Address*
BGen Mark Wise
Commanding General, Marine Corps Warfighting Laboratory, USA
- 10.00 - 10.30** *Morning tea*



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Session Theme - Command and Control (Chair: RADM Allan Du Toit, Head of Navy Capability)

- 10.30 - 10.35** *Introduction by Chair*
- 10.35 - 11.00** *Commanding UK Amphibious Operations*
RADM Peter Hudson
Chief of Staff (Capability), Naval Command HQ, UK
- 11.00 - 11.25** *Tools for C2 of Amphibious Elements*
Mr Jose Prieto Munoz, GMV, Spain
- 11.25 - 11.50** *Amphibious Command and Control (AOCCIS)*
Mr Juan Martinez, INDRA, Spain
- 11.50 - 12.20** *Deployable Joint Command and Control (DJC2)*
Mr Patrick Spring, Naval Surface Warfare Center, USA
- 12.20 - 12.30** *Concluding Remarks by Chair*
- 12.30 - 13.00** *Lunch*



Session Theme - Capability Development (Chair: BRIG Mark Holmes, Commander, Land Warfare Development Centre)

- 13.00 - 13.05** *Introduction by Chair*
- 13.05 - 13.30** *US Experimentation*
Mr Vince Goulding, Director, Experiment, Marine Corps Warfighting Laboratory, USA
- 13.30 - 13.55** *Amphibious Themes in RAN Headmark Experimentation Program*
Mr Verran Dutschke, DSTO
- 13.55 - 14.25** *Australian Army Experimentation*
Mr Dean Bowley, DSTO, LTCOL Damian Hill, Land Warfare Development Centre
- 14.25 - 14.30** *Concluding Remarks by Chair*

Session Theme - Amphibious Simulation Tools (Chair: Dr Mike Brennan, Director-General Simulation)

- 14.30 - 14.35** *Introduction by Chair*
- 14.35 - 15.00** *Combined Synthetic Battle Space*
Mr Mike O'Neal, Marine Corps, USA
- 15.00 - 15.25** *Training on the LHD*
Mr Rowan Tink, Manager Amphibious Capability Development, BAE Systems Australia
- 14.25 - 14.30** *Concluding Remarks by Chair*
- 15.30 - 15.50** *Afternoon tea*

Session Theme: Platforms (Chair: Mr Paul Elischer, Maritime Platforms Division, DSTO)

- 15.50 - 15.55** *Introduction by Chair*
- 15.55 - 16.20** *Ultra Heavy Amphibious Connector (UHAC)*
Dr Geoffrey Main, Seabasing Program Manager, Office of Naval Research, USA
- 16.20 - 16.45** *Airborne Mine Countermeasure Systems for Amphibious Operations*
Mr Dexon Guzman, COL USAF (Ret), Northrop Grumman, USA
- 16.45 - 16.50** *Concluding Remarks by Chair*
- 16.50 - 17.15** *Closing Remarks*
Dr Warren Harch, Acting Chief Defence Scientist, DSTO