

PUBLISHER'S PERSPECTIVE



MILITARY TRAINING TECHNOLOGY

VOLUME 11, ISSUE 2
MAY 2006

Publisher & CEO

Jack Kerrigan: kmi@kerriganmedia.com

Assistant to Publisher

Christine Iorio: christinei@kerriganmedia.com

ADVERTISING SALES

Account Executives

Cheri Anderson: cheria@kerriganmedia.com

OPERATIONS/PRODUCTION

Associate Publisher & COO

Constance Kerrigan: connik@kerriganmedia.com

Executive Vice President

David Leaf: davidl@kerriganmedia.com

Director of Publications

Everett Arnold: everett@kerriganmedia.com

Operations Manager

Davette Poston: davettep@kerriganmedia.com

EDITORIAL

Deputy Editor

Diana McGonigle: dianam@kerriganmedia.com

Editor-At-Large

Marty Kauchak: mpkauchak@comcast.net

Correspondents

Patrick Chisholm • Patrick Clarke • Scott Gourley
Mickey McCarter • William Miller

ART/DESIGN

Designers

Kevin Gorman: keving@kerriganmedia.com

Kirk Lim: kirk@kerriganmedia.com

CIRCULATION

Data Entry Specialists

Dena Ganderson: denag@kerriganmedia.com

Kevin Hammond: kevinh@kerriganmedia.com

Dione Williams: dionew@kerriganmedia.com

TRADE SHOWS

Coordinator

Holly Foster: hollyf@kerriganmedia.com

WEBSITE DESIGN, MANAGEMENT AND ONLINE SALES

Tom Foster: webmaster@kerriganmedia.com

KMI, Inc.

A PROUD MEMBER OF



SUBSCRIPTION INFORMATION

MILITARY TRAINING TECHNOLOGY

is published 8 times a year by KERRIGAN MEDIA International, Inc. All Rights Reserved. Reproduction without permission is strictly forbidden. © Copyright 2006.

Military Training Technology is free to members of the U.S. military, employees of the U.S. government, non-U.S. foreign service based in the United States.

All others: \$65 per year.

Foreign: \$149 per year.

CORPORATE OFFICES

KERRIGAN MEDIA International, Inc.

1300 Piccard Drive, Suite 200

Rockville, MD 20850-4303 USA

Toll Free: (888) 299-8292

Telephone: (301) 926-5090

Fax: (301) 926-5091

Web: www.mt2-kmi.com

MT2 has covered Training Transformation's progress since the program's inception. One T2 initiative, the Joint National Training Capability, routinely inserts joint tasks and other joint context into what have primarily been service-focused events. JNTC has been so successful that DoD's senior leadership looks to these events to prepare units and staffs for the rigors of joint warfare before forces deploy.

Enhanced outcomes are also being delivered by T2's other capabilities—Joint Knowledge Development and Distribution Capability and the Joint Assessment and Enabling Capability, and T2's supporting initiatives—advanced distributed learning, and modeling and simulation.

The 2006 QDR looks to further advance joint training and education. Secretary Rumsfeld wrote that the T2 plan will be revised to include elements of irregular warfare, complex stabilization operations, combating weapons of mass destruction and information operations. And the T2 business model will be expanded to consolidate joint training, prioritize new and emerging missions and exploit virtual and constructive technologies.

Will there be enough money to pay for T2's existing requirements and these new missions? The answer is murky at best. Congress appropriated FY06 funds which fully supported, or exceeded, President Bush's budget request for some service and joint training programs. Air Force combat-training ranges and Army non-system training devices are two initiatives of note.

But T2's potential to support joint training and service programs is at risk as a result of funding reductions. It remains difficult to garner support on Capitol Hill for training and, in particular, joint training. These programs will be an even tougher sell during the FY07.

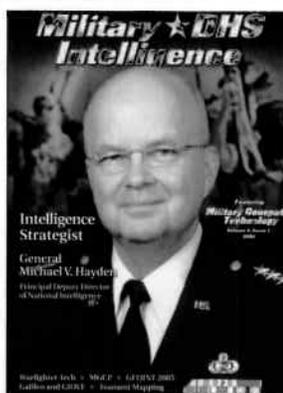
Training remains a critical part of the DoD's transformation efforts. We encourage Congress to fully fund T2 for FY07. ★

Jack Kerrigan
jack@kerriganmedia.com
301-926-5090

KMI FAMILY OF MAGAZINES AND WEB SITES



www.MMT-kmi.com



www.MGT-kmi.com



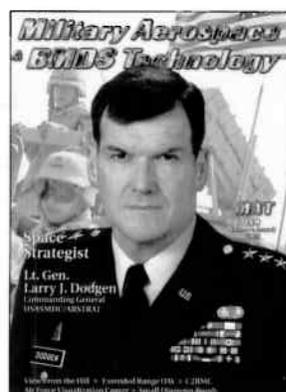
www.MT2-kmi.com



www.SOTECH-kmi.com



www.MIT-kmi.com



www.MAT-kmi.com

EDITORIAL

Editor-in-Chief: Chris Lehman
✉ chris@halldale.com
Managing Editor: Jeff Loube
✉ jeff@halldale.com

Contributors

Rick Adams - Technology Editor
Walter F Ullrich - Europe Editor
Tom Slear - US Military Affairs
Chuck Weirauch - Training Procurement
Fiona Greenyer - News Editor
✉ +44 (0)1252 532004
✉ fiona@halldale.com

ADVERTISING

Business Manager: Jeremy Humphreys
✉ +44 (0)1252 532009
✉ jeremy@halldale.com

Business Manager, North America: Mary Bellini Brown
✉ +1 703 421 3709
✉ mary@halldale.com

Marketing Executive: Gabby McKeown
✉ +44 (0)1252 532008
✉ gabby@halldale.com

DESIGN & PRODUCTION

Design: David Malley
Production Manager: Juliet Browne

INTERNET

www.halldale.com/mst

SUBSCRIPTIONS/DISTRIBUTION

Subscriptions hotline
✉ +44 (0)1252 532000
✉ mst@halldale.com
6 issues per year at US\$92
www.halldale.com/mst

PUBLISHING HOUSE AND EDITORIAL OFFICE

Military Simulation & Training (ISSN 1471-1052)
is published by:

Halldale Media Ltd,
84 Alexandra Road, Farnborough,
Hants, GU14 6DD, UK.
✉ +44 (0)1252 532000
✉ +44 (0)1252 512714
✉ mst@halldale.com

General Manager: Janet Llewellyn

US OFFICE

Halldale Media Inc.,
301 East Pine Street, Suite 150
Orlando, FL 32801, USA.
✉ +1 407 835 3628

Publisher & CEO: Andrew Smith



All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise - especially translating into other languages - without prior written permission of the publisher. All rights also reserved for restitution in lectures, broadcasts, televisions, magnetic tape and methods of similar means. Each copy produced by a commercial enterprise serves a commercial purpose and is thus subject to remuneration.

MS&T Magazine is published 6 times per annum by Halldale Media Ltd, 84 Alexandra Road, Farnborough, Hampshire, GU14 6DD, United Kingdom at a U.S. subscription rate of \$92 per year.

Periodical postage rates are paid at: Middlesex New Jersey New York U.S.A. Postmaster: Please send address changes to: Halldale Media Inc., 301 East Pine Street, Suite 150, Orlando, FL 32801, USA.

Circulation audited by:



EDITORIAL COMMENT

Transformation – Technology Plus

These days no other term is more omnipresent than *transformation*. Transformation fills conference and exhibition halls; it is reflected in doctrine as well as in order books. It is mentioned numerous times in this issue of *MS&T* alone. And that's as it should be, because military transformation is indeed the most determining factor at the beginning of the 21st century. Today, no one would query transformation. In a global setup, where the only reliable constant is change, unforeseen evolutionary leaps have tended to out-run conventional reforms halfway. So an open-ended process, one that lacks a predefined end-state seems to be the only appropriate way to tackle such a Sisyphean task.

While we can normally all agree on its necessity, our definitions of transformation vary, most especially depending on what we expect from transformation. The US Department of Defense describes transformation as "creating the future of warfare and national defense while improving how the department, and all of its various parts, does business in order to support and sustain our position as the world's pre-eminent military power within current and expected resource limits". This characterises the process well, at least from the American point of view. Those of you who walked around the exhibition hall during the last I/ITSEC saw that the United States is quite serious about retaining technological supremacy. The British Government's definition is less daunting yet still very technology-oriented; it describes a network-enabled capability as being at the heart of the transformation. The Germans see transformation as a continuous process of improving and sustaining the forces' operational capabilities, responding adequately to the changing security-policy environment. All these descriptions are accurate, summarising analytically correct essentials, but do they not merely constitute a few pieces of a bigger puzzle? In my capacity as journalist, I occasionally have the privilege of listening to people who are at the heart of transformation. Their definitions of transformation may look less precise, but frankly, to me, they seem much more visionary. Let me quote a few.

At ITEC 2004, Rear Admiral Simon Goodall, Director-General Training and Education, UK MOD, said that we need to produce "agility between the ears, so that people are powered by and not slaved to technology". The late Vice Adm. Arthur Cebrowski once said that transformation effort goes beyond technology. "It is more about culture, behaviour and the creation and exploitation of promising concepts to provide new sources of military power." That gets us right to the core of transformation! To cope with the challenges of transformation, given the exponential rise in the flow of data across different levels of commands, we need a great deal of training and even more education at all levels in the command structure. For Dan Gardner, Director Readiness and Training, Policy and Program Directorate of the US Department of Defense, transformation is "thinking outside the box; it's thinking about a global construct, a global economy, a global cultural and social and political interface and network on a global scale". I think Dan Gardner has hit the nail on the head. Transformation requires us to think beyond existing borders, a type of thinking that sometimes even leads us in diverging directions. It is my firm conviction that the *Defense Language Transformation Roadmap* issued by the United States Department of Defense in February 2005 is a much mightier strategic asset for future global operations than any of the technical solutions seen at last year's military trade shows.

The way ahead of us will demand a lot of creativity and the willingness to abandon old and cherished customs. If we demand intelligent, pro-active troops, must we not completely rethink training and formation, seeking the antithesis of "hard core" basic training boot camps? Must we not fish in other social strata to catch the educated volunteer who can keep pace with our challenging training? Should we not do away with the idea that our way of life is appropriate for everyone, everywhere? Should we not create cultural expertise and impart to our soldiers even more respect for other ethnicities and traditions? The phenomenon our community is exposed to will shake us up, no doubt about it, and risks turning many beloved things upside-down. Maybe along the way we will realise that Rear Admiral Ann E. Rondeau, Commander, Naval Personnel Development Command/US Army is right when she said that transformation actually is a revolution.

Walter F Ullrich
Europe Editor