



MILITARY TECHNOLOGY

The Terror-Related Bloodshed Rises..... 2
Dennis-P. Merklingshaus

Opinion

- The Impact of Franco-German Relations on European Military Domain..... 4
Marco Giulio Barone
- Ambiguous Year for Polish Military Modernisation 4
Robert Czulda

Industrial Focus..... 6
MONS Gear Box 9

Topic

- Expanding the Military Footprint in Asia-Pacific 10
Marco Giulio Barone
- Enabling Field-based Data Collection and Analytics..... 16
Andrew White

Regional Overview: ASPAC - Spotlight on Singapore



Global Threats and Regional Security 19
Dr. Ng Eng Hen,
Minister for Defence of Singapore

- Transformation into a 21st Century Force: Defence for and from Singapore..... 20
Robert Czulda
- Packing a BIG Punch: The Republic of Singapore Air Force Detailed 24
Alan Warnes
- ASEAN Special Operations Forces 44
Andrew White
- Republic of Singapore Navy Modernisation Continues 52
Brian Kindamo



US Army's I Corps - Laser Focused on the Asia Pacific region 30
Interview with Brig.Gen. Michel St-Louis,
Deputy Commanding General for Operations at US Army I Corps



Company Snapshot
Interview with Chuck Murdock, SAIC Vice President for Army Operations and Modernization 34

Features

Integrating Technology into Future Hybrid Warfare Operations..... 35
Andrew S. Ilan

C5I Forum

- Squad Battle Management..... 38
Stephen Miller
- High-Sea Hacking?..... 40
Rick Adams

Radar Series

Airborne Radar..... 42
Thomas Withington

Special Forces Feature

ASEAN Special Operations Forces 44
Andrew White

Space Feature

Nanosatellite Development 46
Peter Donaldson

Unmanned Feature

Unmanned Vehicles for 2025 48
Beth Stevenson

From the Bridge

Republic of Singapore Navy Modernisation Continues 52
Brian Kindamo

- News..... 51
- Dispatch from the Tactical Communications World 54
- Military Component Market Overview 51, 56

Cover

Based on ST Kinetics' Next Generation Armoured Fighting Vehicle (NGAFV) chassis and CMI Defence's Cockerill Series 3105 turret currently in production, SAIC is competing for the US Army's Mobile Protected Firepower (MPF) engineering and development (EMD) contract. (Photo: SAIC)

Small inserts on cover depict: B.E. Meyers' GLARE RECOIL non-lethal hail and warning device, now called the official Joint Electronic Type Designation System (JETDS) identifier LA-22/U by the USMC (Photo: B.E. Meyers); Endeavour Robotics is making great strides with its series of UGVs in the US and in Germany, where the company is represented by the company's partner, European Logistic Partners (ELP GmbH) (Photo: Bundeswehr /Sebastian Wilke); and ARLEIGH BURKE-class guided-missile destroyer USS MAHAN (DDG 72) commander and sonar technicians talking about attack options during anti-submarine warfare training, while MT looks at the possibilities of navy ships being cyber-attacked (Photo: US Navy).

Small insert in contents shows two Mk6 CHINOOKs crewed by 7 Sqn, based out of RAF Odiham, head out over North Sea Wind Farms during a low level insertion to retrieve a downed pilot during a rotary training exercise. (Photo copyright Crown)

Index of Advertisers

- Airbus 27
- Aeronautics Defense Systems Ltd..... 49
- Bofors Test Center AB 7
- IAI Elta Systems Ltd 3
- ILA Berlin..... 29
- Invisio Communications A/S 2nd cover
- L3 Communication WESCAM..... 4th cover
- MSPO..... 5
- Schiebel Elektronische Geräte GesmbH 13
- U.T.SEC 18

