

Contents

Photo: USDoD



There is still a gap in the market for light-weight towed artillery systems. Page 34

Photo: Guy Toremans



The RNoN will modernise its mine countermeasures capabilities. Page 50

■ SECURITY POLICY

- 10 **TE-SAT 2020: an Assessment of the Current Terrorist Threat in the EU**
Andrea Stoian Karadeli
- 14 **Security Challenges in the COVID-19 Epoch: The Case of Armenia**
Gayane Novikova
- 16 **A Risky Border Stand-off in the Himalayas**
Suman Sharma

■ ARMAMENT & TECHNOLOGY

- 18 **Modernisation of the Czech Armed Forces**
Michał Jarocki
- 26 **Czech Defence Industry Continues to Invest in Electro-Optics**
Interview with Patrik Hlůšek,
Commercial Director of EVPU Defence
- 27 **Medium Tactical Vehicles**
Medium Tactical Vehicles or MTVs come in a variety of shapes and configurations.
Sidney E. Dean
- 34 **Still a Market for Lightweight Field Artillery?**
Christopher F Foss
- 40 **High and Mighty**
Thomas Withington
- 44 **MSPO – Essential and Very Much in Demand**
Michał Jarocki
- 46 **European PPE Procurement and Development during COVID-19**
Dan Kaszeta
- 50 **Hunt When You Can – Sweep When You Must!**
The Norwegian Navy's Future Maritime Mine Countermeasures Capability Project
Guy Toremans

- 54 **NATO's Collaborative Programmes**
Alan Warnes
- 59 **Hypersonic Developments**
Giulia Tilenni
- 63 **ESSOR – Tous Ensemble!**
Thomas Withington
- 68 **Second-Line Gear: a First Role for Individual Fighting Power**
Jan-Phillipp Weisswange
- 73 **European "Eyes in the Sky" and in Space**
Doug Richardson

■ INDUSTRY & MARKETS

- 77 **On a Growth Trajectory: Lockheed Martin Ventures into Eastern Europe**
Interview with Dr Dennis Göge, Vice President Lockheed Martin for Central and Eastern Europe
- 79 **Army-2020 Forum Held Despite COVID-19**
Yury Laskin
- 81 **Integrating Capability and Affordability – Serbia's Armoured Vehicle Solution**
David Saw

■ ARMED FORCES

- 82 **Cyberwarfare in Eastern Europe**
Overview of Recent Cyber Operations in Eastern Europe
Joris Verbeurgt
- 86 **Ten Years of Attacking IED Networks – Spanish-Based Centre of Excellence**
Esteban Villarejo



A new era of collaborative EU/NATO programmes is currently being ushered in, allowing the NATO nations to reduce costs.

Page 54

VIEWPOINT FROM ...

- 33 **New Delhi**
Suman Sharma
- 66 **Washington**
Chet Nagle

COLUMNS

- 1 **Editorial**
- 4 **ESD Spotlight**
- 71 **Masthead**

Index of Advertisers

AM General	35
Aselsan	49
Bird	7
Bittium	55
Bofors Test Center	39
Dencrypt	18, 23
EVPU Defence	19
GA-ASI	4 th cover
Hirtenberger	37
Koehler	85, 3 rd cover
Leonardo	29
PBS	21
Raytheon ELCAN	2 nd cover
Rheinmetall	25
Sensoror	3
Systematic	75
WB Group	45
Weibel	41

IMU TACTICAL GRADE

NEW PRODUCT

1:1 scale

STIM318 – the latest Sensoror tactical grade Inertial Measurement Unit, IMU. Increased performance for demanding guidance and navigation applications.

- ITAR free
- Small size, low weight, power and cost
- Insensitive to magnetic fields
- Low gyro bias instability (0.3°/h)
- Low gyro noise (0.15°/√h)
- **Low accelerometer bias instability (0.003 mg)**
- **Low accelerometer noise (0.015m/s/√h)**
- **User programmable BIAS Offset**
- 3 inclinometers for accurate leveling
- Weight 57 grams, volume <2cu.in, power 5V, 1.8 W

STIM318 is a design that is field proven in Military Land navigators, Missile systems, Target acquisition systems, Airborne surveillance, DIRCM, Remote Weapon Systems, Launch vehicles and Satellites.

Qualified according to high-performance aircraft vibration standard.



When size, performance and robustness matter

sales@sensoror.com • sensoror.com