



## On the cover



**60** A Royal Marine Commando fast ropes from a Merlin iHC3 helicopter. This month *IDR* examines the Royal Navy Merlin Life Sustainment Programme. *By* Markit/Patrick Allen 1714568

## News

### Weapons & Equipment

- 4** Otokar equips Altay MBT for urban operations
- 5** FNSS rolls out Pars III
- 6** US Navy kicks-off Super Hornet Block 3 effort with IRST contract
- 8** European submarine operators consider lithium-ion battery technology
- 9** Singapore showcases NGARV prototype
- 10** Russia develops advanced air-bursting ammunition
- 12** Prototype Kaplan MT medium weight tank completed
- 13** NRL developing transparent, biomimetic armour

### Missiles & Rockets

- 14** TDW advances SPEAR warhead solution
- 15** Rafael advances fifth-generation Spike variant
- 16** Orbital ATK firms up AARGM ER design concept
- 17** US Army, Raytheon demonstrate Stinger C-UAS capability
- 18** Textron Systems finalises development of Fury munition
- 19** UVision unveils new Hero-400EC loitering munition

### Unmanned Systems

- 20** AeroVironment develops palm-sized UAV
- 21** US Army exploring options for improved MQ-1C

- 22** Liquid Robotics plots Wave Glider capability growth
- 23** Ukrspesystems reveals battle-proven UAVs
- 24** ARGO stresses J8 Atlas UGV in trials
- 25** ONR to deliver MIW RAC prototypes to NFCC in mid-2017

### Cyber

- 26** Realism paramount in cyber training
- 27** USN aims for information warfare 'Top Gun'
- 28** Havelsan enters cyber security domain

### Special reports

- 29** MoTaKo/MoTIV: Digitising the Bundeswehr
- 32** Gearing up the Gripen: Sweden prepares for new F variant fighter
- 34** Smart development: RNLAF readies for new radar horizons
- 36** Off the leash: evolving strike vehicle design

### Features

- 38** Dismounted SA: pushing information at the lowest echelon
- 45** Scanning space and sky: RNLN on track to take BMD capability to sea
- 50** Bargain hunt: Air forces move to embrace low-cost UCAVs

### Equipment profile

- 56** Expanding role: Patria Armoured Modular Vehicle

### Technology report

- 60** Service switch: Merlin goes commando

### Parting Shot

- 66** LEUSV concept

### On the web [ihs.com/janes](http://ihs.com/janes)

- General Dynamics unveils two new LAV support variants
- Czech army acquires Perun special operations vehicle
- US Air Force pursues GPS upgrades
- Australia to upgrade Black Hawk cockpits

