#### Standing guard: new systems keep watch over tactical bases 60

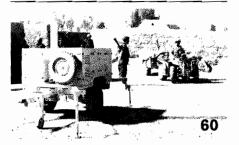
BY GILES EBBUTT

# Rising to the challenge at sea: **UAVs adapt and hit the maritime 66**

BY THE IDR TEAM

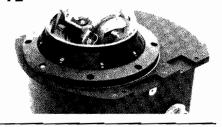
# Suite solutions: dynamic DASs offer helicopters light-speed protection 72

BY MARTIN STREETLY





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#### Cover picture

A US soldier looks out from a watchtower in Kuwait. This month's cover feature explores how modern camp surveillance equipment has evolved to draw on a huge range of sensors and integration tools to provide unprecedented overwatch of bases and enable rapid response to incursions and attacks. (See page 60) US Army: 1423538

# Online content in IDR February

For extra stories and images throughout the month, log on to IDR's website at idr.janes.com Online content is only available to online subscribers

- US Navy seeks airborne imaging RF surveillance solution
- US forges ahead with Aegis Ashore
- US GAO criticises Obama's European
- New SeaFire radar enables engagement of multiple targets

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#### INTERNATIONAL DEFENCE DIGEST

- MEADS achieves key milestones
- NATO narrows down on cloud computing

#### WEAPONS AND EQUIPMENT

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- Thales' Bushmaster out of the running for Canada's TAPV
- UK/US ARTIST radar testbed achieves space tracking milestone on road to BMD

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- Aegis prepares for expanded capability in 2011

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Future Protected Vehicle study turns up host of concepts and new technologies

Bringing up the rear in a big way: UGV dismount support

On patrol: USAF Strike Eagles flex for strike, ISR and anti-air roles in Afghanistan

Different FLAVIIR: UK's Demon UAV testbed advances 'flapless' flight

China's bridging systems extend support for heavy vehicles in combat

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**Dr Robert Brammer** Vice-President for Advanced Technology and Chief Technology Officer, Northrop Grumman Information Systems