



***WORKSHOP ON COUNTER PIRACY
EQUIPMENT & TECHNOLOGY***

NATO-HQ Brussels

4th June 2009

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- *UAS products' portfolio*
- *Anti-piracy key points*
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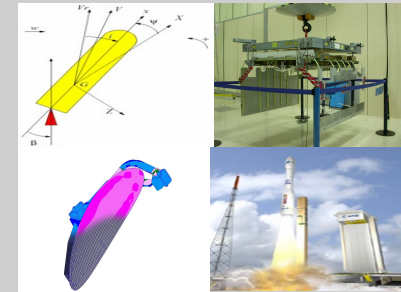
Company Profile

What We Do

Guidance & Control Systems for special operations



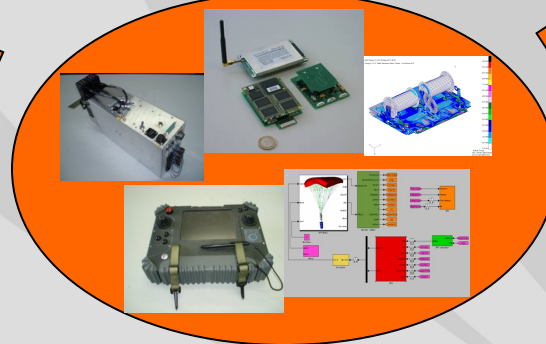
Space Engineering



UAS platforms



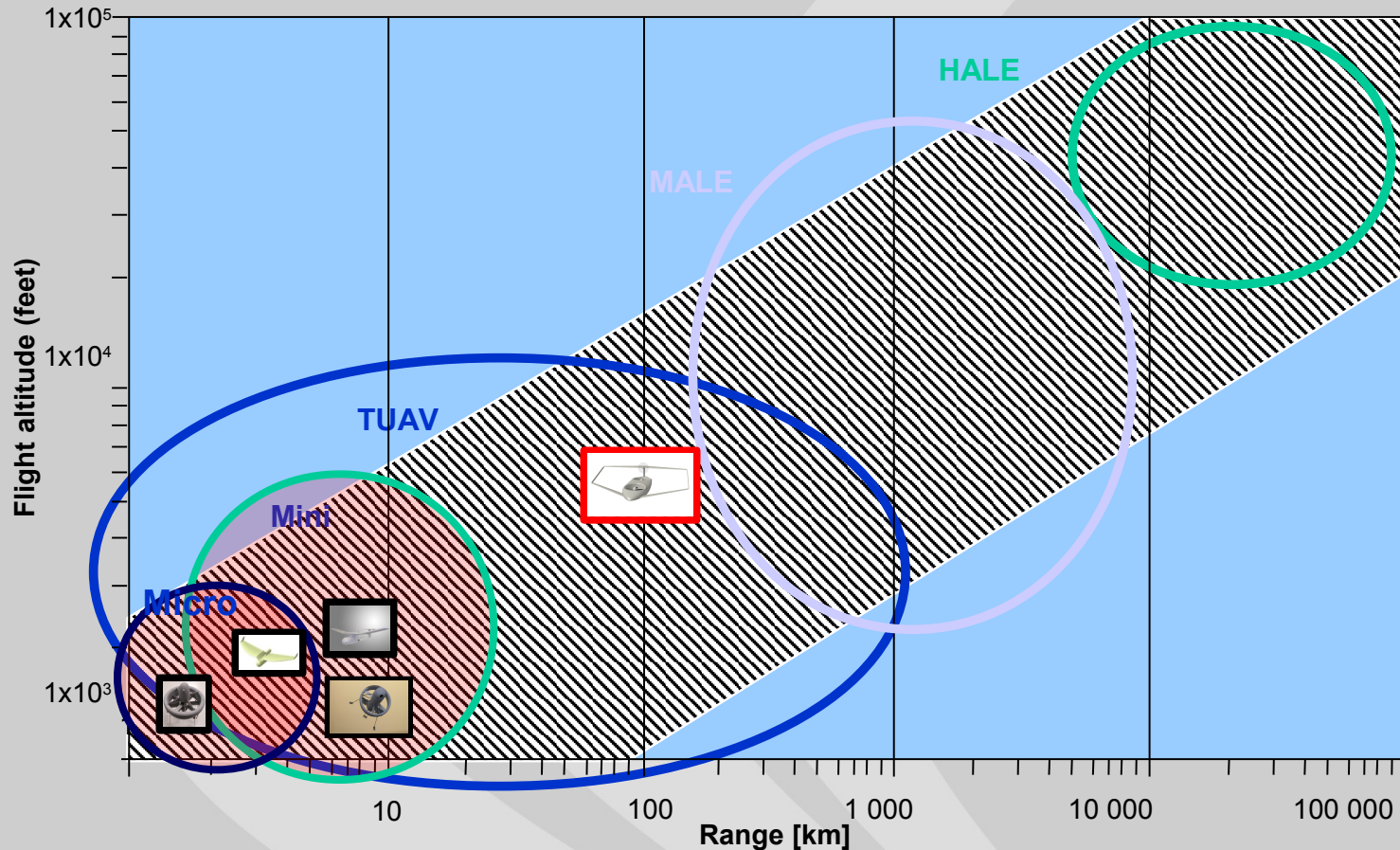
Technology



R&D

UTRI UAS Products' Portfolio

focus on the tactical UAS systems spectrum



Tactical

Theater

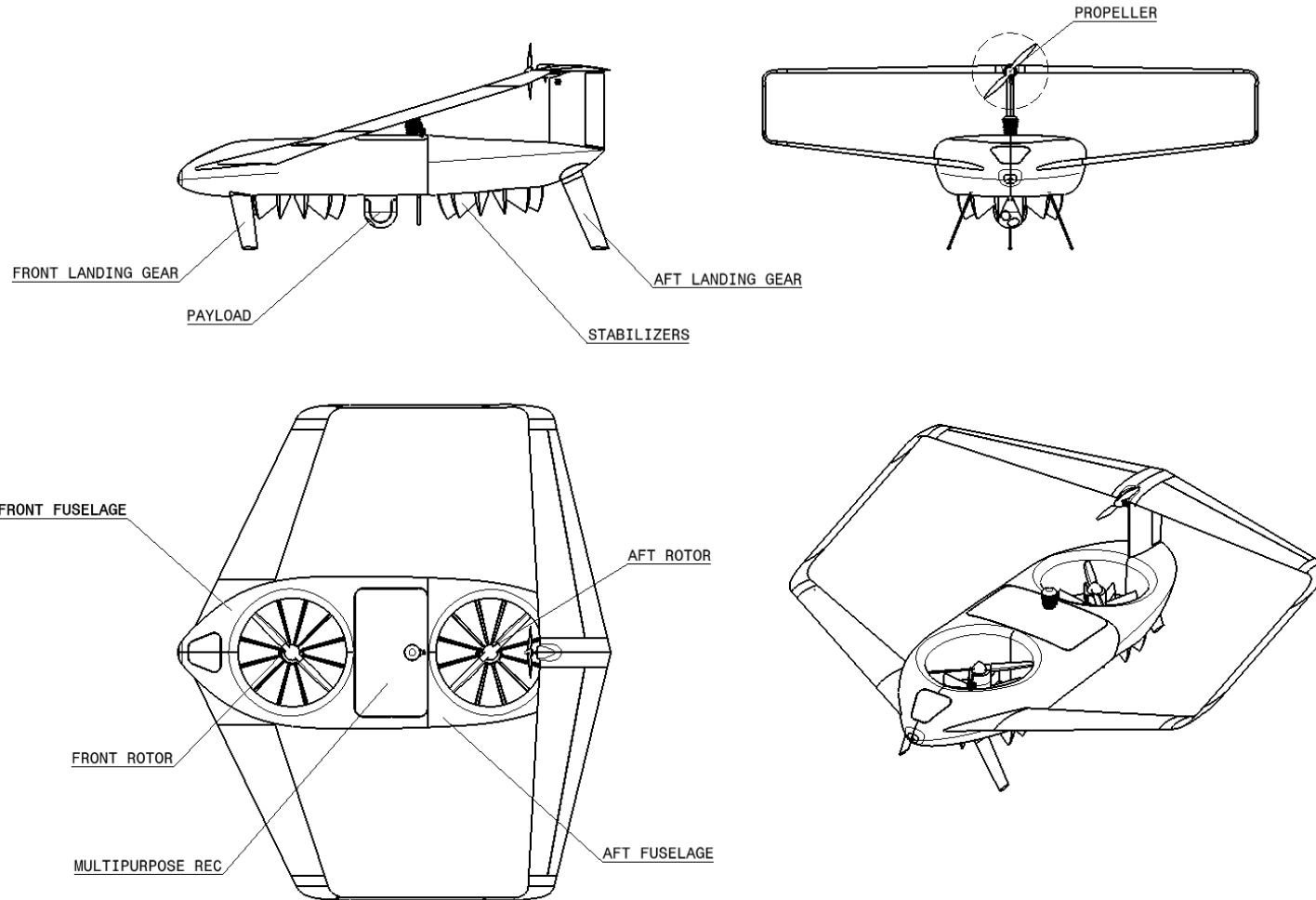
Wide - Area

Surveillance and reconnaissance in the area of engagement Wide-area surveillance

Anti-piracy key points

- *Early detection of a threat*
- *Threat recognition at Long-distance*
- *Surveillance for long time of a suspected threat*
- *Accurate localization of a threat*
- *Psychological influence on the threat*
- *Self-protection capability*

PROFALK

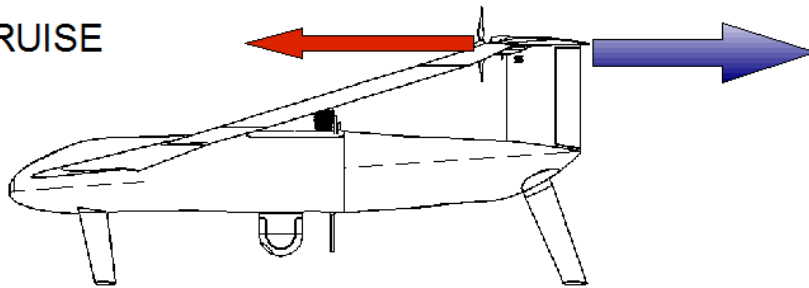


PROFALK SPECIFICATIONS

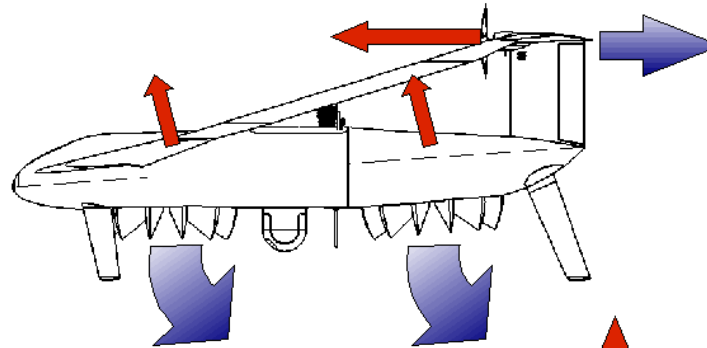
- *RANGE:* 110 km
- *SPEED:* > 100 km/h
- *CEILING:* > 2400 m asl
- *ENDURANCE:* up to 8 hours
- *PAYLOAD:* up to 8 kg
- *MTOW:* up to 30 kg
- *SIZE (W x L x H):* 2.8 x 2.0 x 1.0
- *VTOL*
- *DGPS ASSISTED LANDING ON SHIPS*

PROFALK FLIGHT PHASES - 1

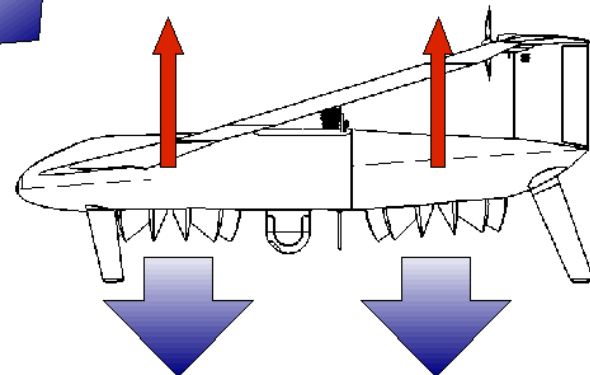
CRUISE



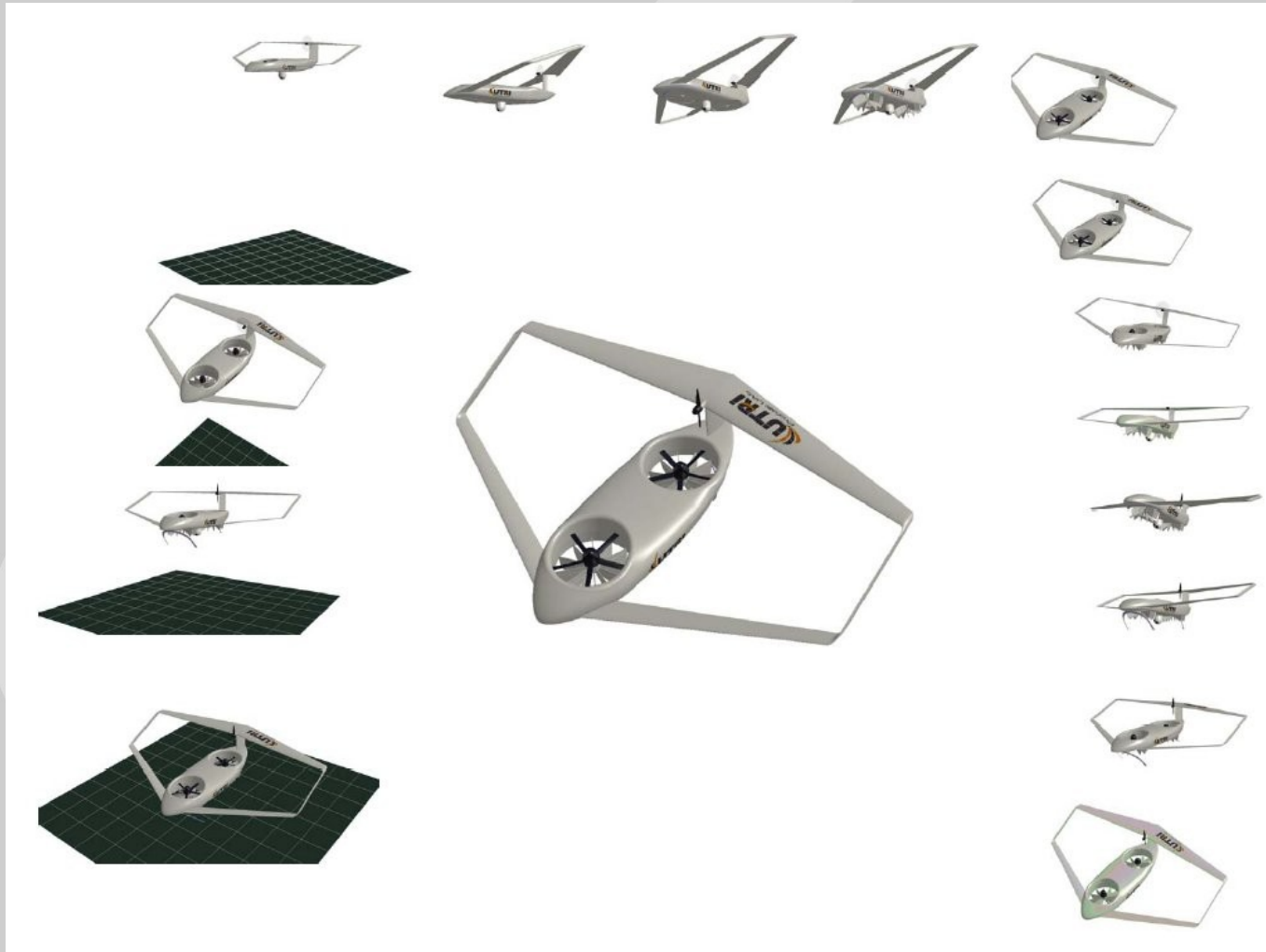
TRANSITION



HOVERING



PROFALK FLIGHT PHASES - 2

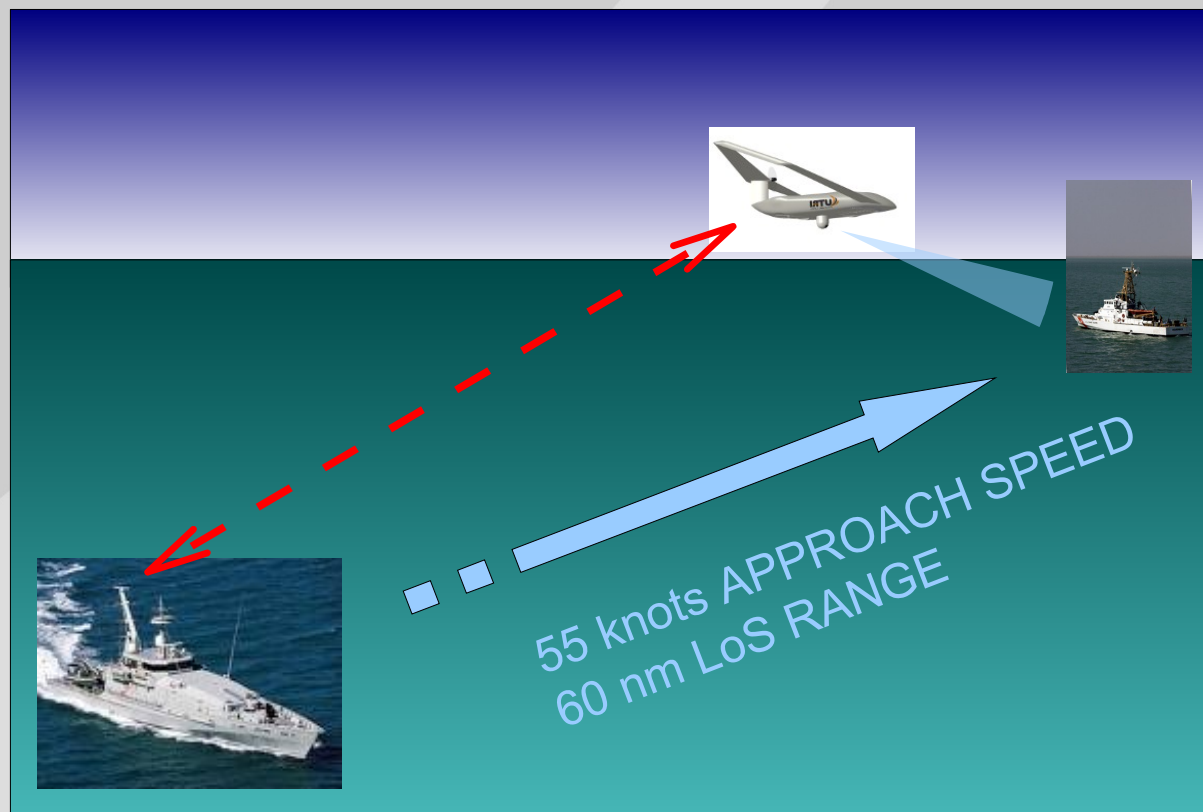


PROFALK PAYLOADS

UP TO 8 KG PAYLOAD, IT MAY INCLUDES:

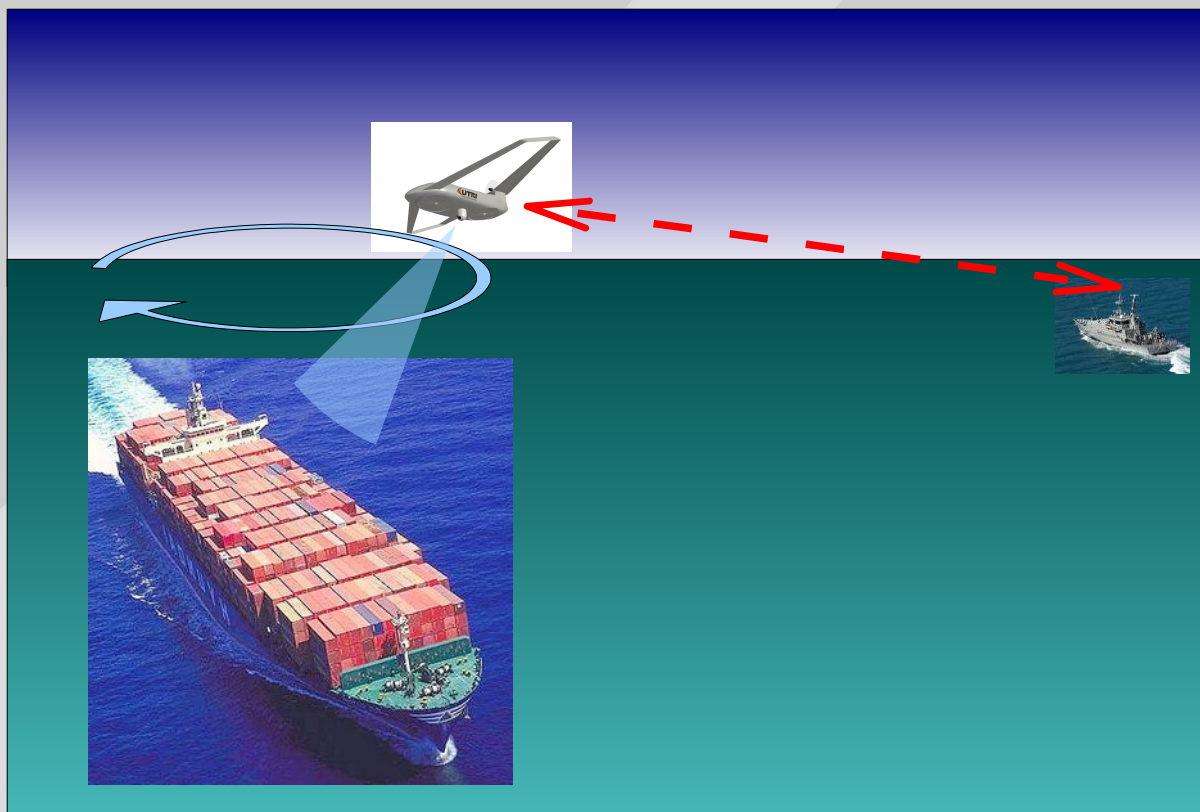
- *EO HIGH-RESOLUTION PTZ GIMBALS*
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- *LASER MARKERS*
- *ANY OTHER CUSTOM PAYLOAD END-USER SELECTED*

PROFALK MISSIONS - 1



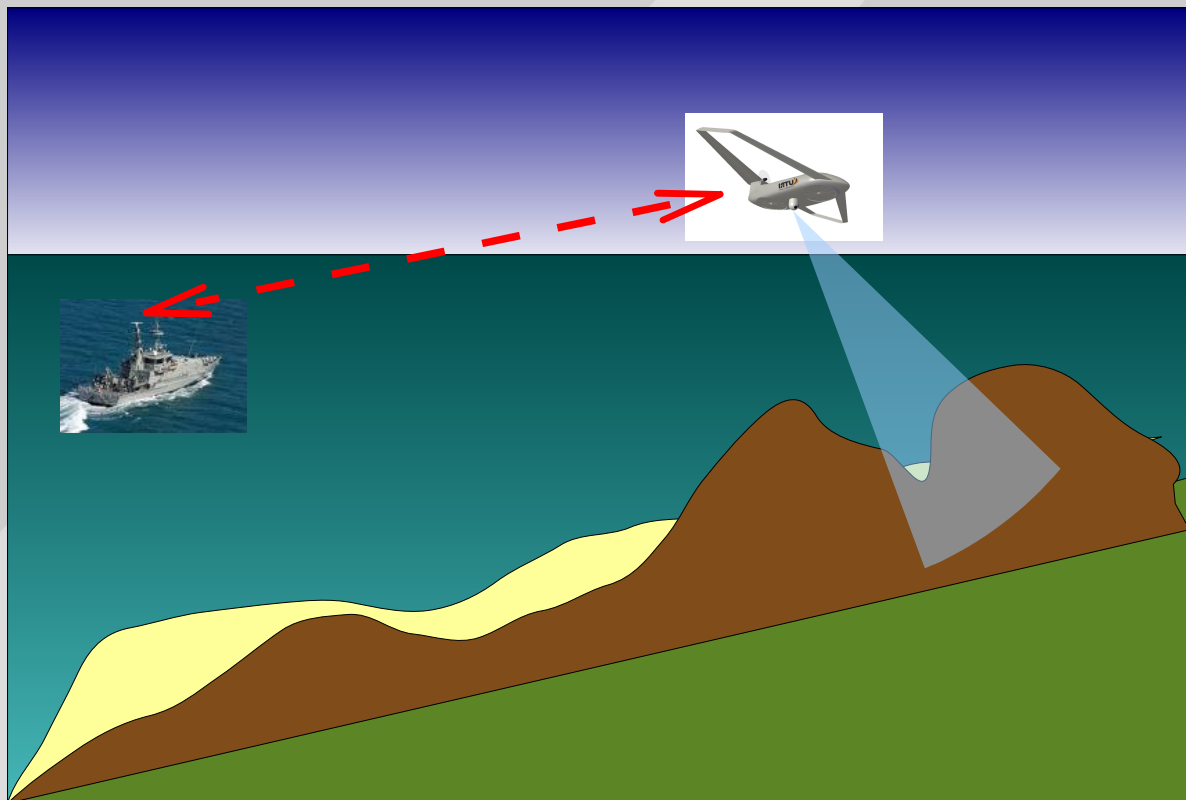
- *EARLY DETECTION OF A TREATH AND ITS MONITORING*
- *LONG DISTANCE RECOGNITION*

PROFALK MISSIONS - 2



- *LONG TIME SURVEILLANCE*
- *ACCURATE MONITORING AND LOCALIZATION OF A THREAT*

PROFALK MISSIONS - 3



- *EXTENSION OF RECOGNITION BEHIND THE COAST LINE*

PROFALK vs Anti-piracy key points

- *Early detection of a threat*
- *Threat recognition at Long-distance*
- *Surveillance for long time of a suspected threat*
- *Accurate localization of a threat*
- *Psychological influence on the threat*
- *Self-protection capability*

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