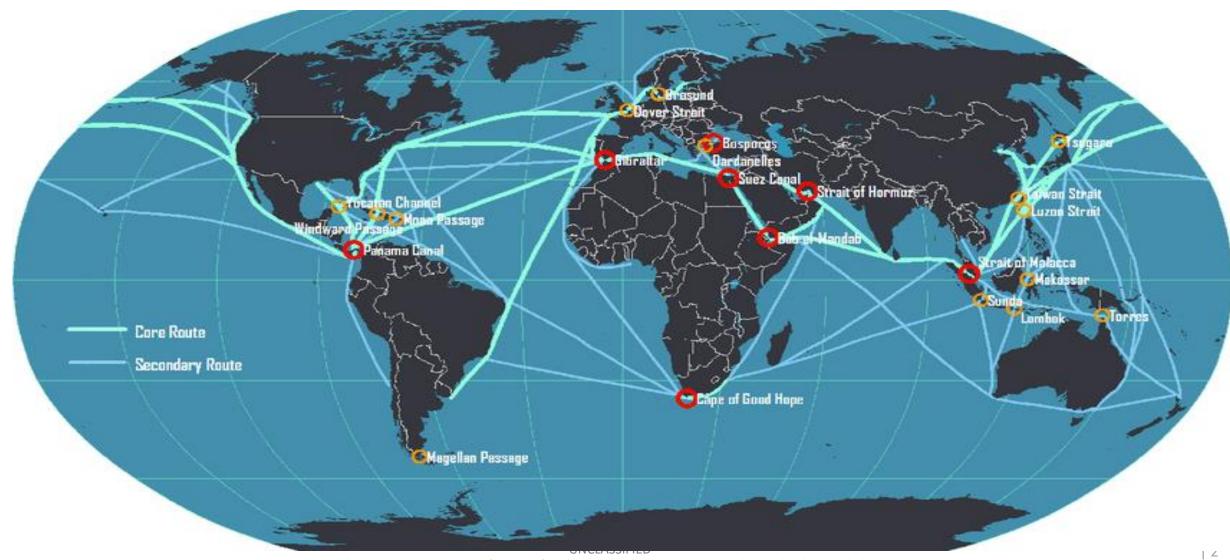




Global Maritime Commons

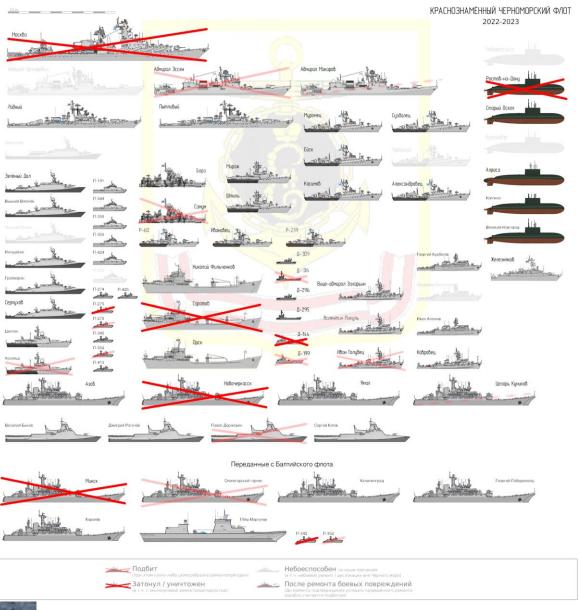






Russian Losses



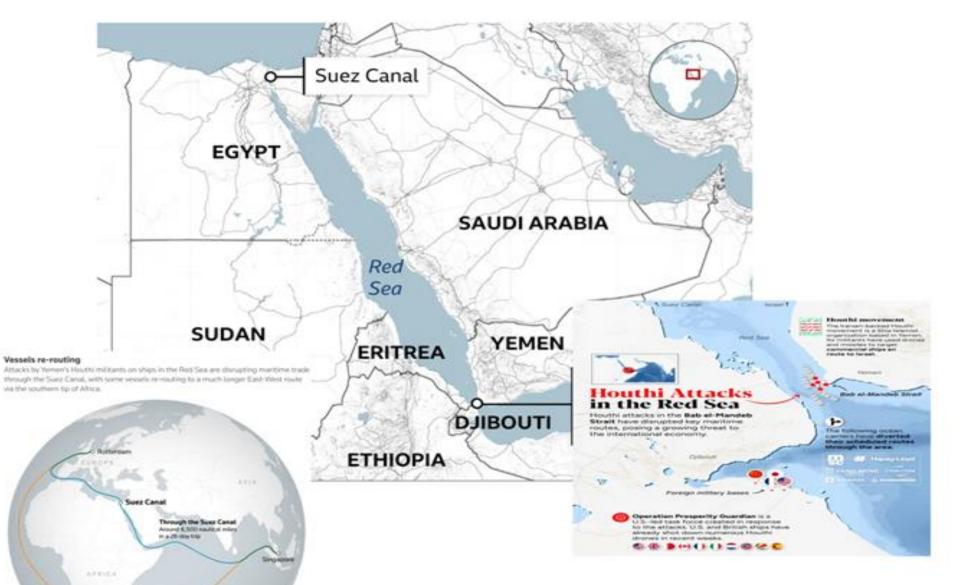




One Way Attack







Around the southern tip of Africa Around 1,000 Nautoui miss in a M-dayinte





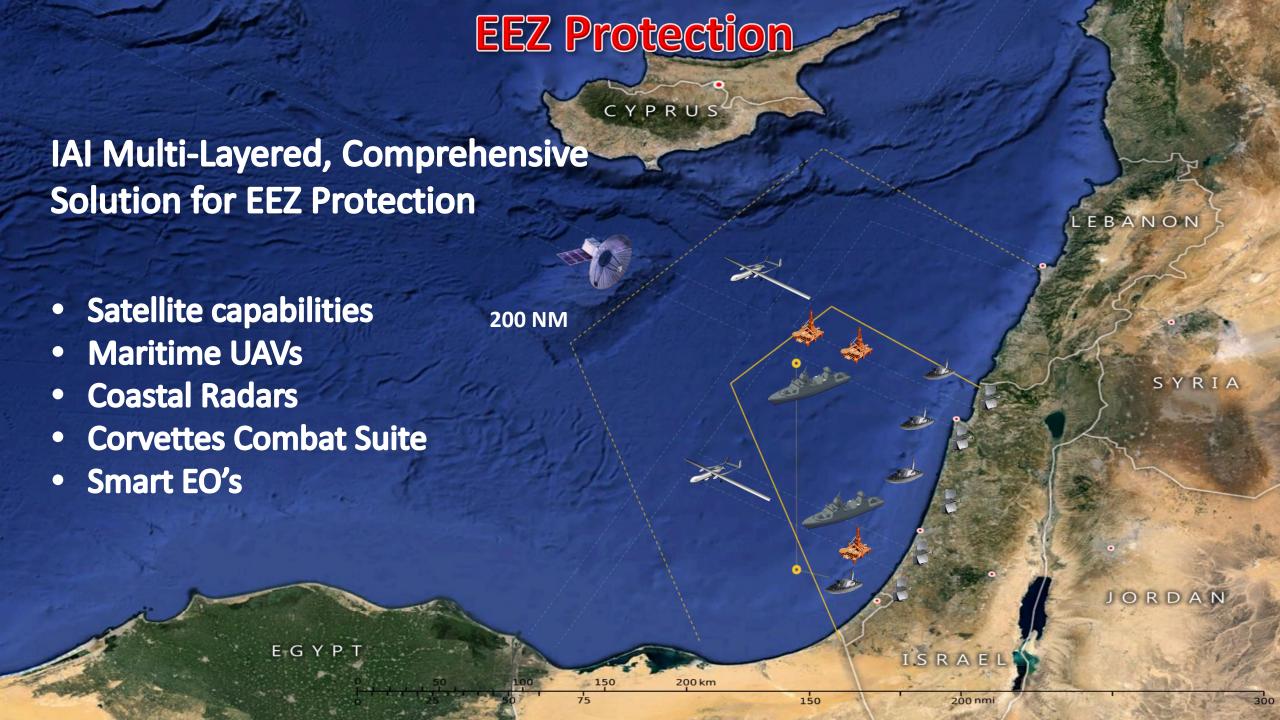








IAI Naval Solutions







Lessons from latest conflicts



Constant Threats Across Maritime Borders

The Multi vessel Threat



Credit: Channel 13 News



The Asymmetric Challenge

Massive, low-end but effective threats causes:

- In the Tactical Level Operational scenarios where weapon systems are saturated and overwhelmed
- In the Strategic Level Non Perseverance and Non Sustainable "Economy of Battle"

The Solution

- Automated Detection systems embedded with AI Algorithms
- Time Critical Lethal weapons "Improved Lethality"
- Scattered, Modular and deployable capabilities
- Unmanned Capabilities





Automated Detection

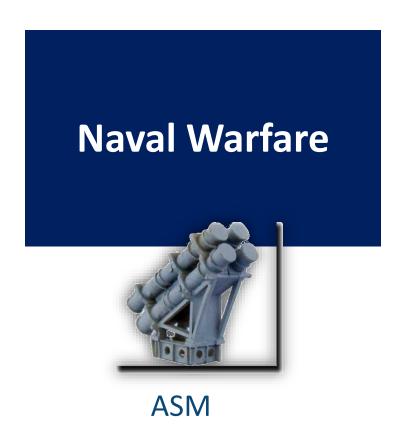




Improved Lethality



The Naval Missions







Light Missiles



Naval Guns



LAHAT - **LAser Homing ATtack System**

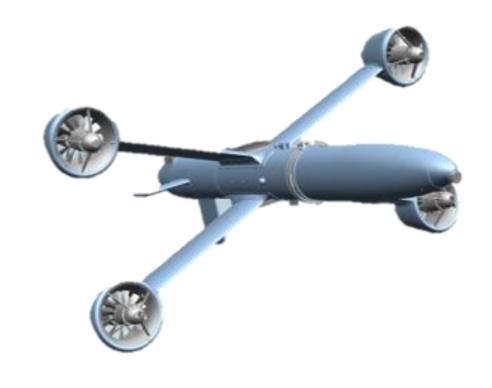
- Semi Active Laser Homing
- Range Naval launched up to 10Km
- Warhead
 - Anti Armor shaped charge
 - Combined, Penetration + Fragmentation
- Accuracy Circular error probability (CEP) of 1M
- Designation Modes
 - Direct (LOS) Designation by the firing platform
 - Indirect (BLOS) Designation by another Platform





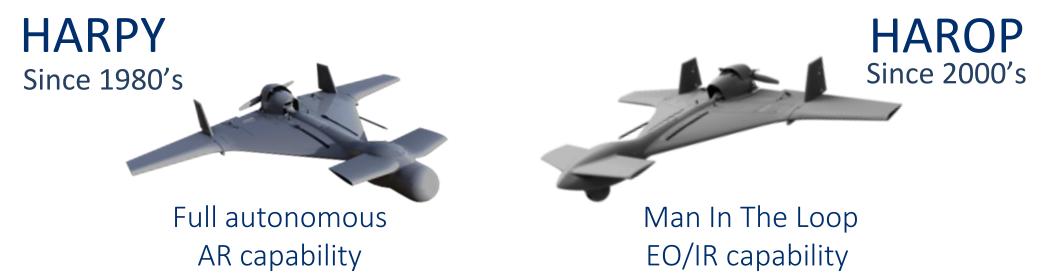
POINT - BLANK

Specification	Parameter
Up to 10km	Range
0 (hovering) – 80 m/s	Speed
Up to 20 min.	Endurance
1m (CEP)	Accuracy
Up to 2 kg	Warhead
Impact/Proximity	Fuse
1m total length / 0.8m wingspan	Dimensions
6.8kg	Weight





ISR and One Way Attack AR & EO/IR Seekers



MINI HARPY Triple purpose



GFCS

Delivering a better cost ratio through maximising gun lethality



GFCS

Delivering a better cost ratio through maximising gun lethality

- Modern & Multi-Guns Fire Control System(GFCS)
- Provides firing solution to ship's guns against both surface and aerial targets with no need for Fire Control Radar (FCR)
- Supply accurate hits at the full kinematic range of the integrated guns
- Designed to enable maximum weapon engagement capability and optimize gunfire solutions
- Flexibility Supports a variety of Gun configurations and ammunition types





Modular and Flexible effector solutions



Operational Philosophy

CHALLENGES



Limited capabilities of existing vessels

Long force build-up process

Need for Increased fire power

Expansion of deck area

Access to Advanced capabilities

GOALS



Modularity



TTM



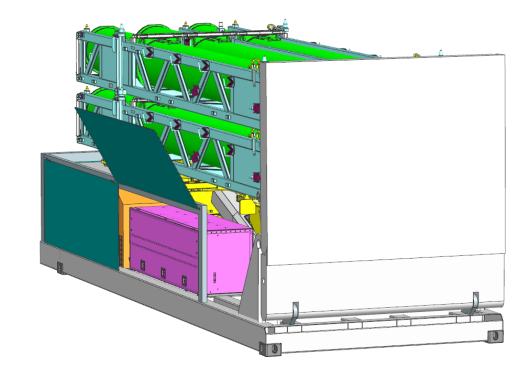


Deployable AD Launcher

Deployable launcher with unique design which allows the expansion of a NAVAL force defense capability by deploying additional AD systems with launchers on other naval vessels

Designed to be a 'Plug and Fight' addition to combat ships defence capabilities

- Minimum preparation
- No complex integration needed between the AD launcher and the launching vessel/platform (Twist Locks only, power and communication)





Modular Fast Deployable Solutions

Enhanced Own ship Capability

Summary

















Asymmetric Warfare:

Capability through Modularity

Thank You

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