MEKO® S-X

persistent uncrewed ASW

May 10, 2023 I Jens Ballé



Modern Anti Submarine Warfare

NATO ASW Doctrine

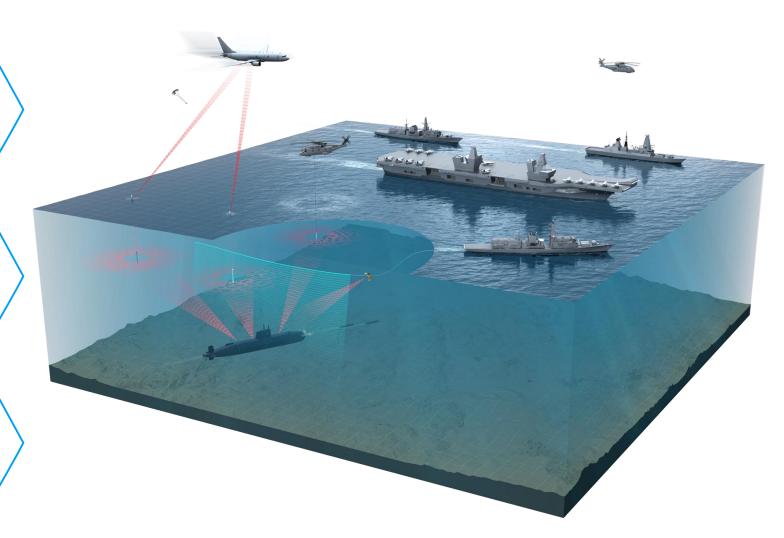
- Reduce vectors for quiet approach
- Keep speed of advance high (16 to 18 kn)
- Fight the sub at the pickets

High Level Requirements

- Submarine is not affected by weather
- Task Force will not avoid heavy weather
- Underway replenishment is available

Consequences for ASW screen

- Maximum speed of 22 kn
- High seaworthiness
- The more sonars the better

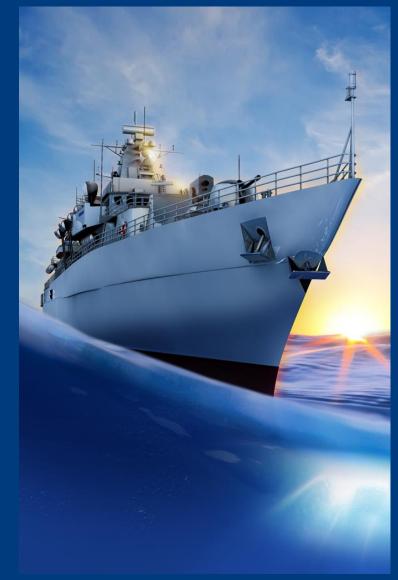




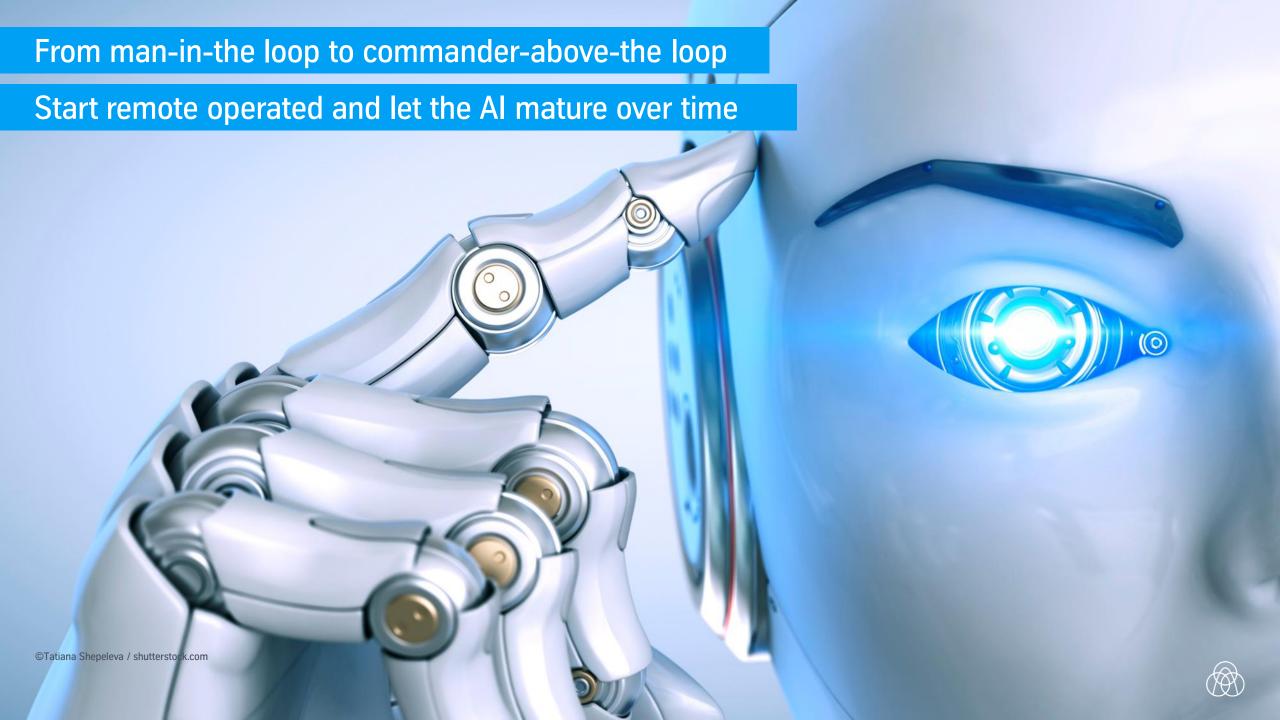
Do we have what we need?

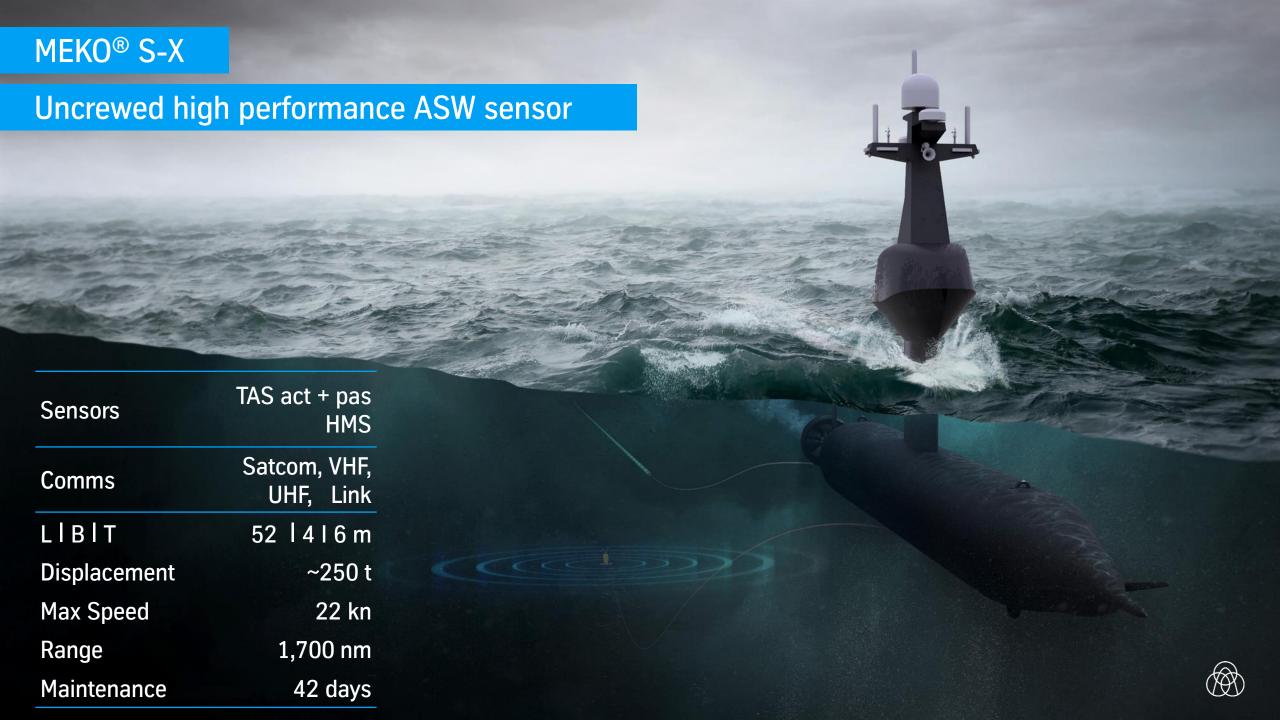


MEKO® S-X



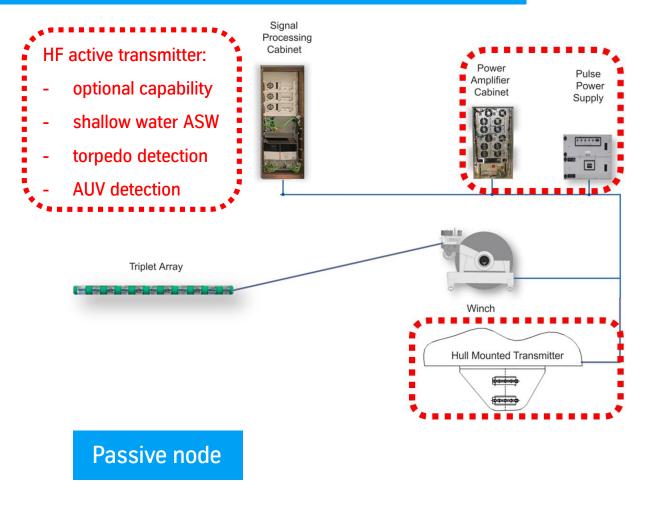


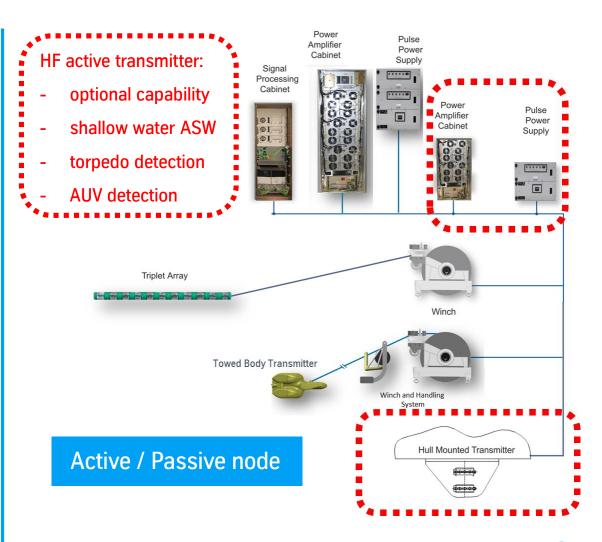




Flexible sonar payload

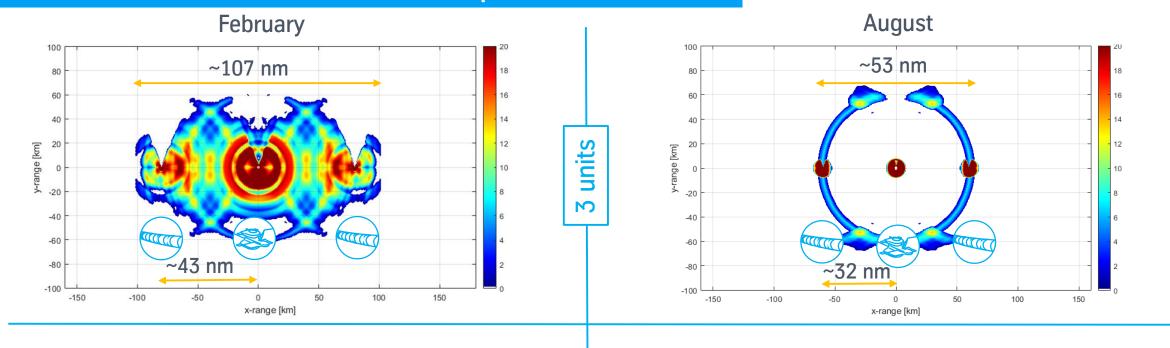
A balanced cost/performance ratio

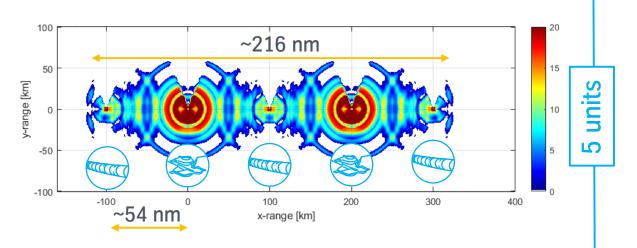


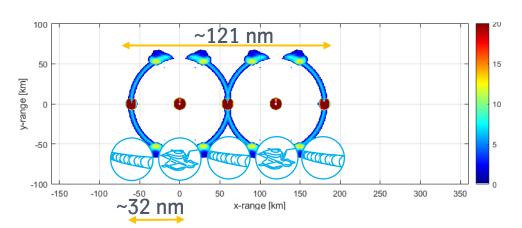




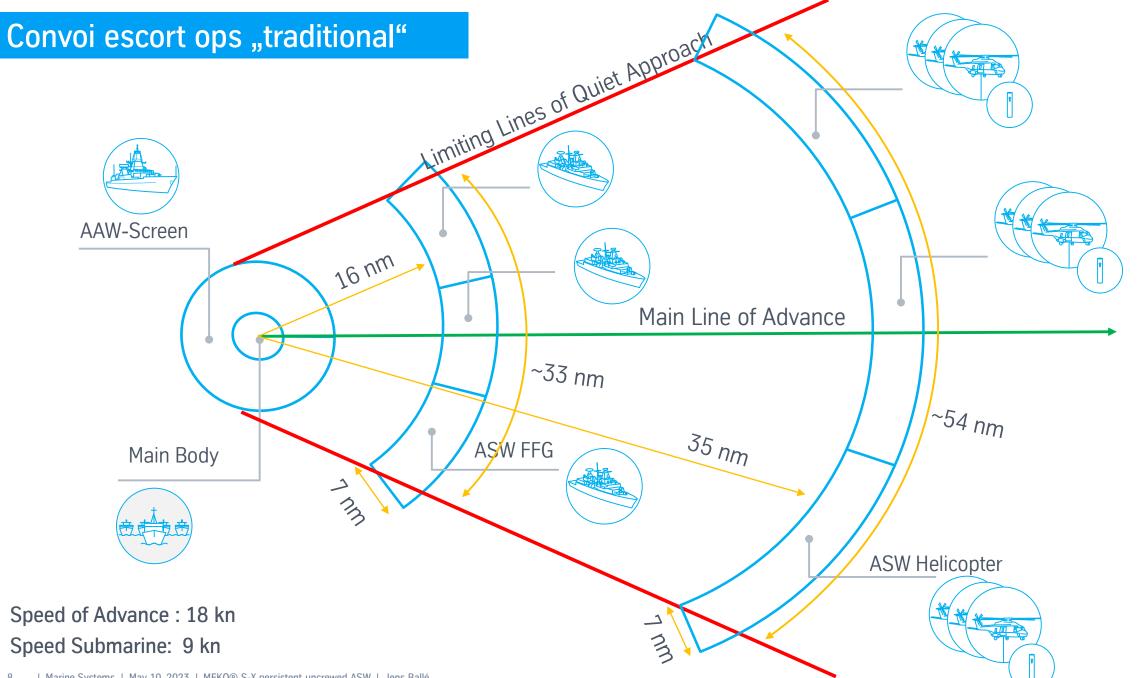
The multistatic sonar barrier in the deep North Atlantic



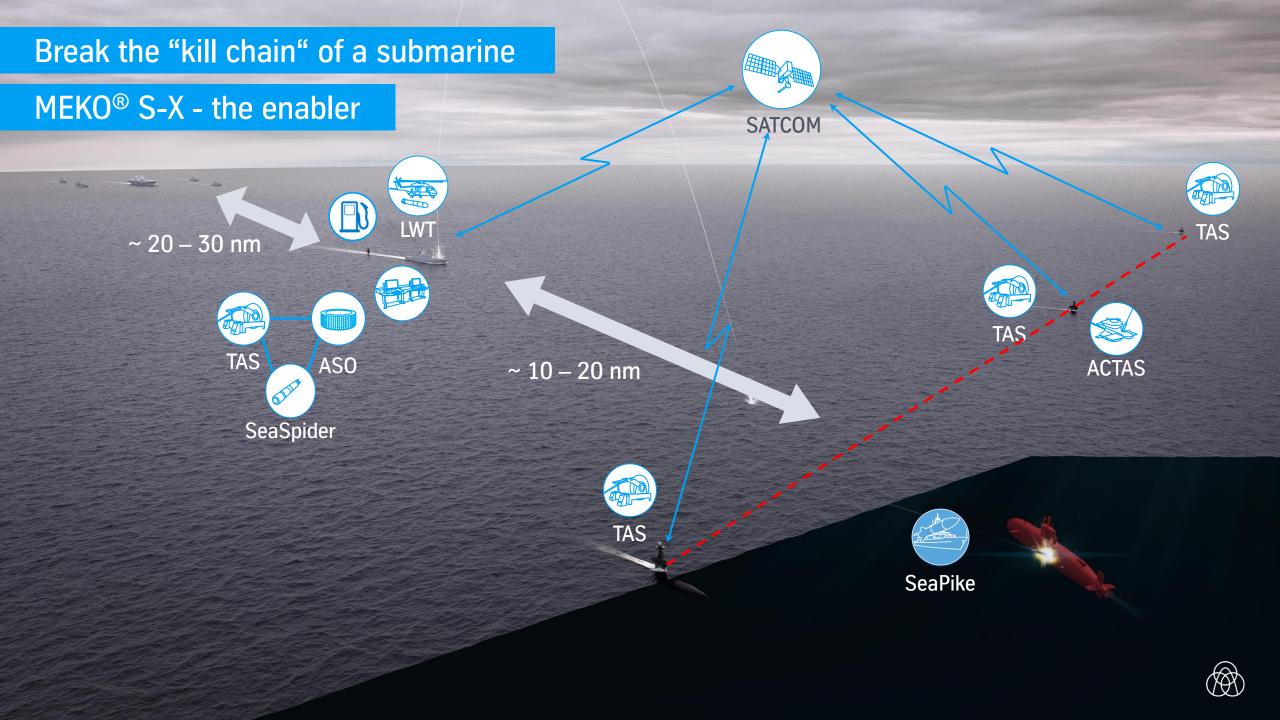




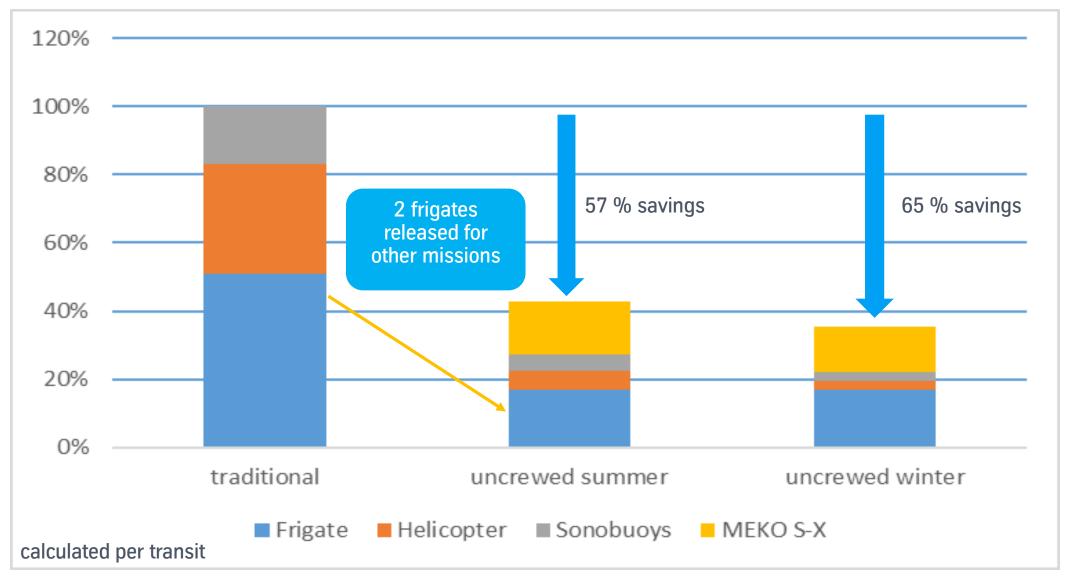








OPEX convoi escort ops traditional vs. uncrewed

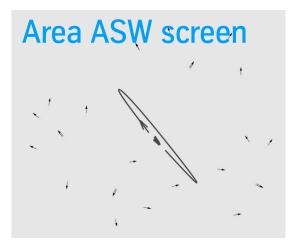


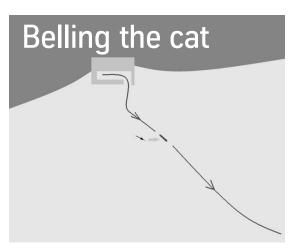


MEKO® S-X as force multiplier

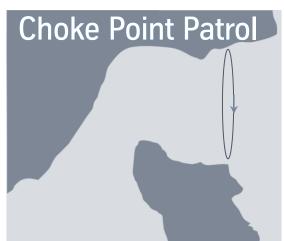
The benefit of large non-organic uncrewed systems















MEKO® S-X, the key to future ASW

A networked, distributed ASW force

Uncrewed Ops at TF speed and range

Protect legacy HVU's against modern HWT

Low cost ASW performance boost

Use of non ASW units for ASW operations

