



Current and Future Requirements for Amphibious Capabilities

RADM Thomas E. Engevall
Chief Of Staff, Swedish Defence Materiel
Administration

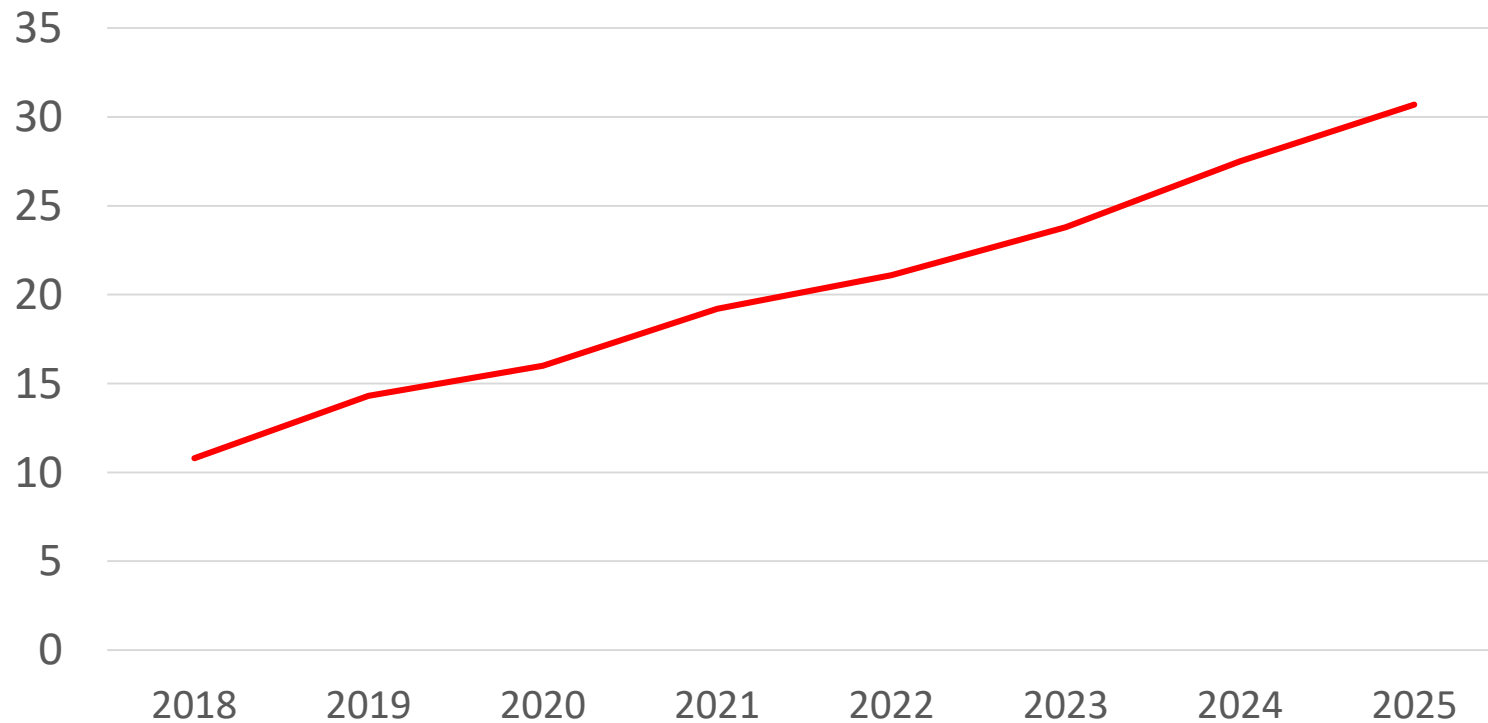
Our Mission and Vision

The right equipment for a stronger Defence



- FMV's main task is to equip all branches (including special forces) of the Swedish Armed Forces with materiel and systems.
- FMV has the responsibility for international materiel cooperation and development with other states, agencies and organizations.
- 2000+ employees (5 % active duty officers).

Economic growth in materiel investments for Swedish Armed Forces



General materiel requirements



- Speed
- Firepower (direct-indirect)
- Protection
- Sensors and the capability to carry them
- Autonomy
- Manoeuvrability
- MMI interfaces
- Communication

Combat Boat 90 HSM



- Increased engine power
- Longer range/ higher speed
- Re-designed layout in wheelhouse as well as troop compartment
- New C2 systems.
- New navigational systems
- Weapon mount on deck for MG and grenade launcher.
- MINIGUN system (7,62) will be integrated.

Weapon station

Saab "Trackfire"



- Main weapon 12,7mm HMG or MK19 grenade launcher.
- Side arm GPMG 7,62mm
- The evolution of the TRACKFIRE system could perhaps contain weapon with larger caliber, AT- or SAM capability in the future.

Tactical/operational testing



- Picture showing the upper part of the Weapon System on a CB90 HSM lurking around in the archipelago.
- The weapon is pointing at your direction and ready to engage.

Tests with indirect fire solutions



Structure tests with containerized system



Photo: Courtesy of the Royal Institute of Technology

Studies of integrated SSM on combat crafts



- Replacement of the current shore based "Hellfire" system
- Latest generation of SSM.
- Considerable longer missile range.
- Integrated in suitable platform
- Designed for the archipelago environment

AI and Unmanned for the future Ocean 2020 (August 2021)

