



Finnish Navy

Experiences on high speed boat tasks in OP Atalanta 2011





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- RHIBs
- Tactics
- Conclusions





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FNS Pohjanmaa

- Minelayer
 - Length: 78m
 - Speed: 18kn
 - Crew: 90
 - 2 RHIBs on aft deck
 - No HELO landing capability







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RHIBs

- Designed as MOB-boats for minelayers
- Boomeranger C-740
- Engine: Steyr M16 (256hp)
- Length: 7,4m
- Weight: 1400kg (2000kg with the crew)
- Propulsion: Waterjet
- Performance
 - Max wave height approx. 2m depending on wave length
 - Speed: 34 kn
 - Seats: 2 + 4







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RHIBs

- **Weaponry**
 - 7,62mm PKM machine gun (with self designed mount)
 - HK69 40mm grenade launcher
- **Boarding equipment**
 - 2 and 3m solid ladder
 - 10m handheld telescopic pole with a wire ladder









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Tactics

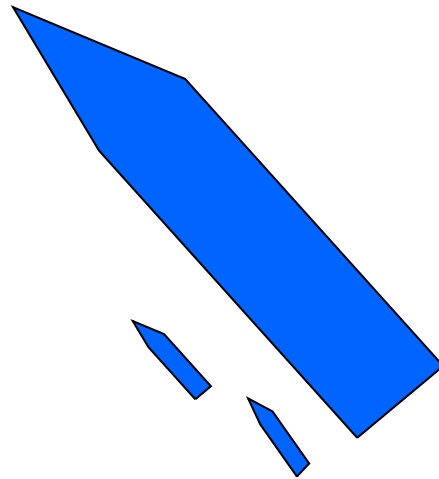
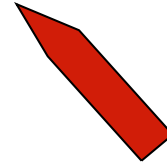
- Boat #1 – Force protection
- Boat #2 – Approach & Boarding
- Approaches
 - First the fire support boat checked the target vessel for any suspicious activity. When given permission the boarding boat drove to the side of the target vessel and started boarding actions.
- Boarding
 - Vessels in the area usually had low sides and were small in size, so the solid ladders mostly did the job





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Tactics





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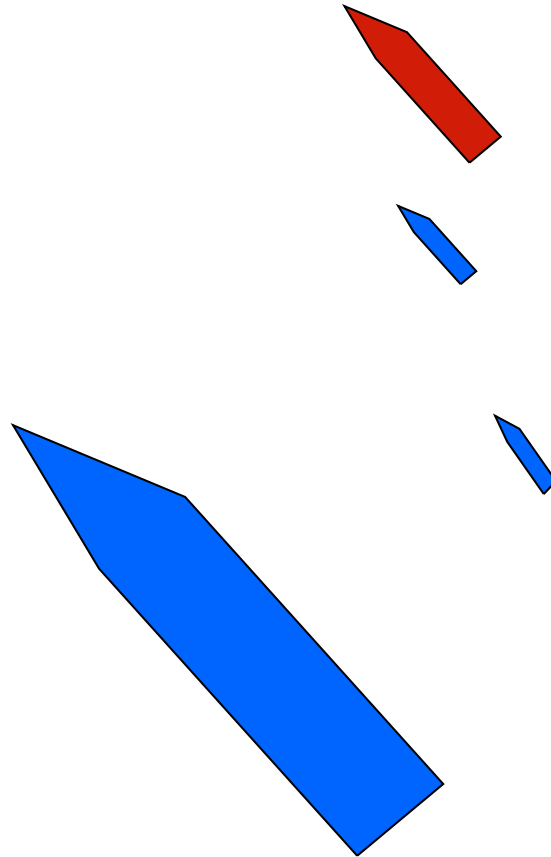
Tactics





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Tactics





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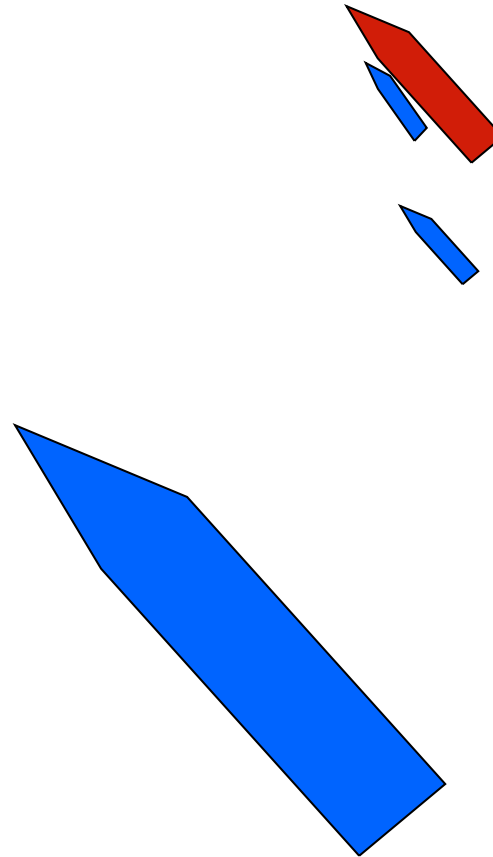
Tactics





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Tactics





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Tactics

- Boarding always on halted vessels
- Force protection from the mother ship
- Lack of HELO









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Conclusions

- The size of the RHIBs were at minimum for the given tasks because of limited:
 - speed
 - seaworthiness
 - space for operators
- In the future at least the other RHIB should be 9-11m in size
 - The max load of the cranes on the ship limited the size of the boats onboard
- Two capable RHIBs and proper boarding equipment are vital on a ship without a HELICOPTER
- Waterjets suitable because of their manouverability in low speeds





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QUESTIONS & DISCUSSION

