PROJECTOR SLIDE

# A Navy Without Ships

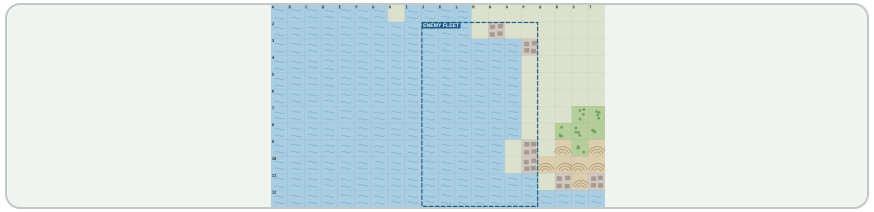
Off western Crimea, from Lake Donuzlav to Sevastopol · 2023 to 2024

## Learning objectives

- Explain how a side with almost no warships used sea drones to threaten a fleet, and why several boats attacking at once can overwhelm a ship’s guns.
- Compare the value of what each side risks in this scenario, using the cost tally in the after action review.
- Distinguish the run's ship-loss objective from wider campaign outcomes discussed by Sutton and Williams, including fleet relocation and grain-shipping access.



Scenario illustration · AI generated



Student map · own side only · Simulation situation map · reconstructed terrain and estimated deployments; not verified historical positions.

### Run and debrief

2 minutes 30 seconds at 1×. Sink or disable two of the four warships off Crimea’s west coast, between Lake Donuzlav, Sevastopol and the southern coast.

Which result differed from history, and what evidence or model assumption explains it?

**Atrocity notice** · 2023-03-16 · UN Commission of Inquiry: war crimes in Ukraine

These reports describe the wider conflict. They do not establish that every crime occurred in this modeled battle.

Study is not endorsement. Never target civilians, hospitals, schools or places of worship. Report civilian harm. Terrorist forces and Wagner: computer controlled. Gaza events and civilian massacres: excluded.