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CONCEPT OF KAMIKAZE UNMANNED SURFACE VEHICLE (K-USV) DISABLER SYSTEM (CONOPS-THORN/SKYSTING)

DUTY CYCLE



Destroyed with SKYSTING KS-2 Kamikaze Drone Launched from Ship or Friendly USV



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DUTY CYCLE

PREPARATION, DETECTION AND CLASSIFICATION PHASE

➤ The Skysting Ks-2 launcher on the ship is activated.

Fire

Launcher

- ➤ Enemy Kamikaze USV is detected and identified with the Ship Combat Management System and Sensors.
- > Automatic, semi-automatic or operator controlled engagement decision is made.



Destroyed with SKYSTING KS-2 Kamikaze Drone Launched from Ship or Friendly USV

ENGAGEMENT & NEUTRALIZATION PHASE

- Skysting Ks-2 kamikaze drones or drones are fired safely, multiple and quickly from the ship to the target direction. Skysting Ks-2 searches for targets with artificial intelligence support and when a target is detected, it locks onto the target and destroys it.
- ➤ The Skysting Ks-2 kamikaze drones can also be fired from the Sea Strike-SURF USV.

DUTY CYCLE SUMMARY

- ✓ Total reaction time between detection and engagement: ~6-8 seconds
- ✓ Multiple firing time: ~10 seconds

