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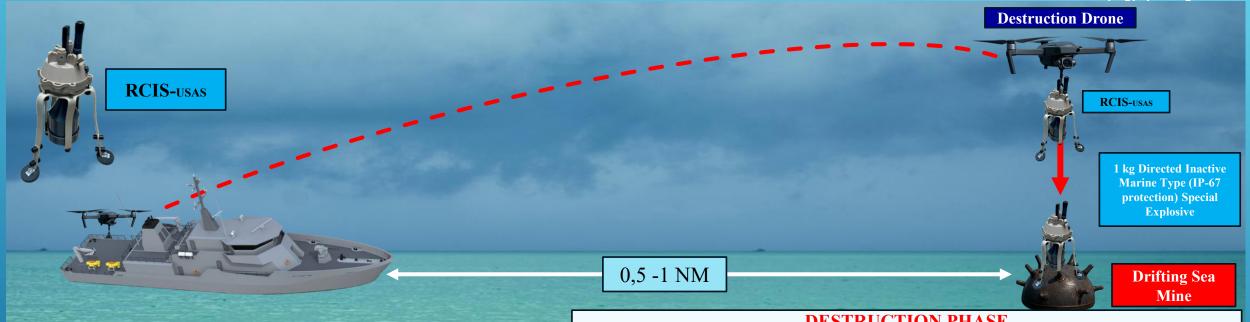
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## CONCEPT OF AUTONOMOUS SYSTEM INTEGRATION FOR COUNTERING DRIFT SEA MINES (CONOPS-SARPAN)

#### **DUTY CYCLE**



#### **DETECTION AND TASK PLANNING PHASE**

- Drifting mines are detected on the sea surface.
- In order to destroy the drifting mine, a destruction drone with Remote Control Initiation System (RCIS)-usas loading is lifted from the Frigate/Corvette, Fast Attack Boat, MCM Ship or USV in the region by the operator.

### **DESTRUCTION PHASE**

- The Remote Control Initiation System (RCIS)-USAS ammunition pod carried in the drone body is activated.
- With the support of Artificial Intelligence (AI), the drone maneuvers right over the mine and lowers the Remote Control Initiation System (RCIS)-USAS pod [with a 1 kg directed inactive marine type (IP-67 protection) special explosive] onto the mine, and the pod feet stick to the mine.
- The explosive pod is activated and destroyed by magnetic warning, time setting or remote operator command.

