ASKA EQUIPMENTS LTD.

RGES

The Running Gear Entanglement System (RGES) Product Line is to provide non-lethal means for interdicting a wide range of propeller-driven vessels.

Features

The Running Gear Entanglement System (RGES) products are the less-than-lethal boat-stopping solutions with a broad range of applications and various modes of deployment (i.e.) Static barriers, Shoulder launched, Fixed launchers that can be activated remotely.

Due to the wide range of configurations available, the ResQmax RGES PED can stop and/or impede the progress of a displacement hull vessel of virtually any size.

Applications

Port Protection

Policing & Protection of Exclusive Economic Zones

Anti Piracy and Smuggling

Counter-Terrorism

Interdiction of non-compliant vessels

Protection of critical infrastructure i.e. Atomic Power plants, Defense establishments, Airports, Naval base, Power plants etc. near to sea bodies.

RGES

The Running Gear Entanglement System

Port Security - Sterile Protection

The RGES S100 static barrier system may be easily and quickly installed from a RHIB by lightly trained staff.

Typical installations include anchor buoys at 90m intervals outfitted with radar reflectors and photocell controlled lamps.

Applications may include:

- Protection of a ship in a foreign port
- Restricting access to a waterway or naval base
- To form a barrier around critical infrastructure, either on or offshore
- Used as an 'in-tow' payload to protect assests while underway

The RGES S100 is a non-lethal option for boat stopping. While forces on the crew of the non-compliant vessel are controlled by forward momentum at the moment of impact, the occupants of the boat are generally unharmed.

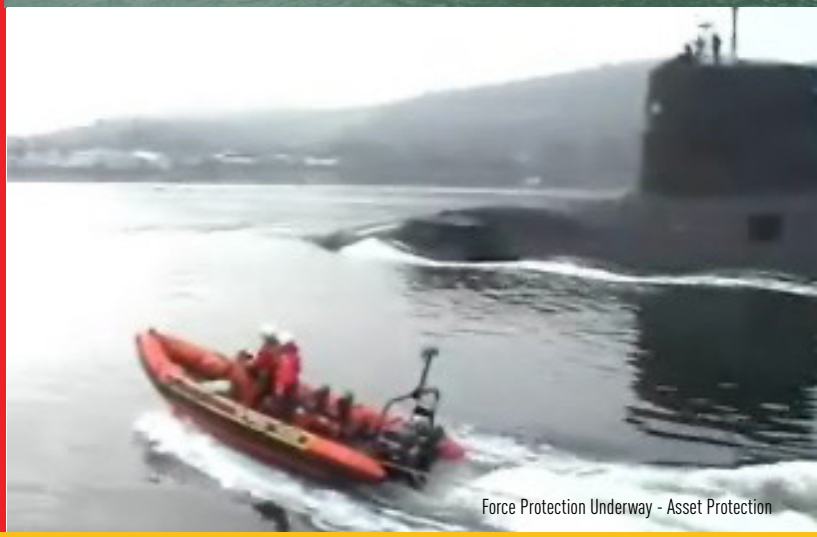
System costs are quoted on a caseby-case basis, and are affected by water depth, sea floor composition, and tidal variances.

S-100

The RGES S100 is a static barrier entanglement system comprised of 100ft/30m sections interlocked end-to-end to establish a perimeter of any length, creating a sterile area. The RGES S100 provides a clear line of demarcation and acts as a first line of defense to protect assets.

Watercrafts entangled by the RGES S100 are typically halted within 2.5 boat lengths, preserving the integrity of the buffer-zone.

Force Protection Boom - Ship Deployed



Force Protection Underway - Asset Protection

Problem

Today we have to chase unauthorized/ suspicious vessels/boats to stop them from entering restricted areas or in open seas or deploy helicopters or we have to exercise lethal ways to stop them.

Solution

RGES offers non lethal means of stopping suspicious vessels/boats forcefully in different ways:

- ✦ Static barriers
- ✦ Shoulder launched entanglements
- ✦ Fixed launchers that can be activated remotely.

All RGES solutions can be easily deployed for stopping an unauthorized entry.

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Entanglement payloads used with the SF40 & FL60 systems are effective against propeller driven single and multi-engine configurations to 300 HP on vessels to 12 meters in length, and planning at speeds to 55 knots.

SF-40 Shoulder Fired 40' RGES Payload

The RGES SF40 utilizes a light-weight portable shoulder-fired launcher powered by compressed air to deliver a 40 ft / 12m length of entanglement payload from a standoff distance of 20m across the course of a noncompliant vessel.

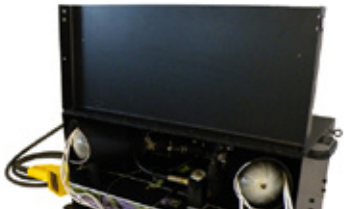
RGES SF40

FL-60 Fixed Launcher 60' RGES Payload

The RGES FL60 product lines may be mounted on pursuit vessels, or defensively from any asset. Multiple launchers may be assembled to form a battery along the port and starboard sides of a pursuit vessel. The remote control allows deployment of the system by an operator from a secure location and at very high speeds.

The RGES FL60-D is a dual-projectile fixed launcher powered by compressed air, and activated by a remote control, capable of launching 2 projectiles simultaneously, to deliver a payload parallel to the launching location – for interdiction of non-compliant vessels approaching the launcher location.

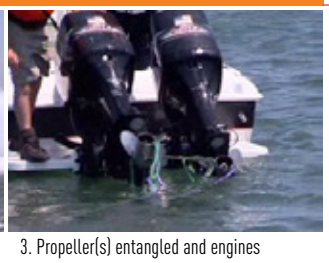
This system may be horizontally articulated to create an increased field of fire. Payload sizes and corresponding delivery distances will vary depending on application.



RGES FL60-D

RGES FL60-S

1. Deploy payload across track of target.



3. Propeller(s) entangled and engines immobilised.

PED RGES for Displacement Hull Vessels

The ResQmax RGES PED is a means of stopping or impeding the progress of a displacement hull vessel by entangling the vessel's single or multi--engine/shaft configurations. The RGES PED systems are designed to be deployed in close-quarters action across the course of the larger underway target vessel by a smaller enforcement watercraft with superior speed.

Displacement Hull Boat Entangled with RGES PED

Semi-Displacement Hull Vessel - Twin 785 HP Engine - Entangled with RGES PED

While the RGES PED geometric design remains the same regardless of the size of the target craft, the scale of the payload will vary according to the class or family of the anticipated target. The capacity to increase the diameter, and by extension, the tensile strength of the members of the payload, make it feasible to consider entangling a displacement hulled vessel of any size. The RGES PED can also be configured to create a static barrier around any asset.

Applications may include:

- Policing and protection of Exclusive Economic Zones
- Counter-terrorism
- Interdiction of non-compliant vessels

Due to the wide range of configurations available, the ResQmax RGES PED can stop and/or impede the progress of a displacement hull vessel of virtually any size.

All RGES payloads incorporate the use of Honeywell's Spectra fiber, enhanced in a secondary operation by Cortland Industries patented Plasma process constituting the strongest fiber structures in the world.

In Association With

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