

P-Trap anti-piracy system

Simple and effective design for defense against piracy

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Introduction

Vecom is pleased to launch a unique product: P-Trap. An effective non-lethal protection-method against piracy. It creates a safety zone around the vessel with floating lines that trap propellers of pirate vessels. This unique product is a great improvement of our extended safety product range.

The main characteristic of the P-Trap is to ensure that the crew is not positioned in harms way. The system is easy to install and operate. Once in place it works without monitoring, day and night and against multiple boarding attempts simultaneously. The system is reusable and offers a continuous self protection method against the century-old problem of pirates boarding merchant vessels. The Patented P-Trap system disables engines by entangling their propellers in P-Trap lines which extend along the entire length of the vessel. P-Trap lines are installed on a spreader which is lowered to the waterline. The length of the P-Trap lines can be adjusted according to the vessel size and the design is such that the lines float on the surface of the water. The system is designed to be non-lethal using a breakaway connection. When a propeller is trapped, the line will break and the pirate vessel will be left floating and inoperable. This one-time investment anti-piracy system can withstand multiple simultaneous pirate attacks without the need for monitoring or crew involvement

Crew protection

The P-Trap contributes to the hardening of a vessel, but even more important in today's climate, it gives crew members an additional physical layer of protection, and a confidence and peace of mind that extends to their families at home as well.

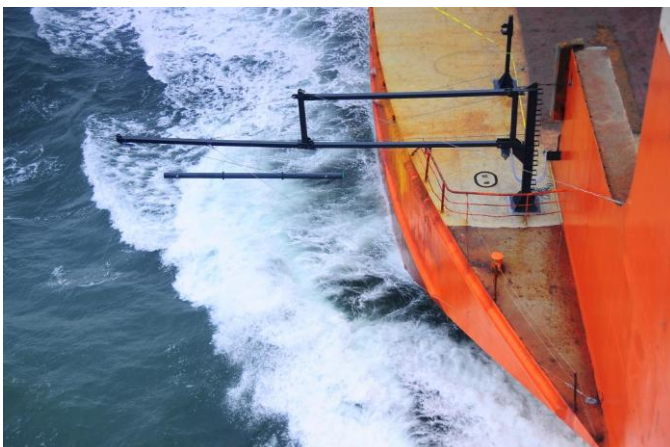


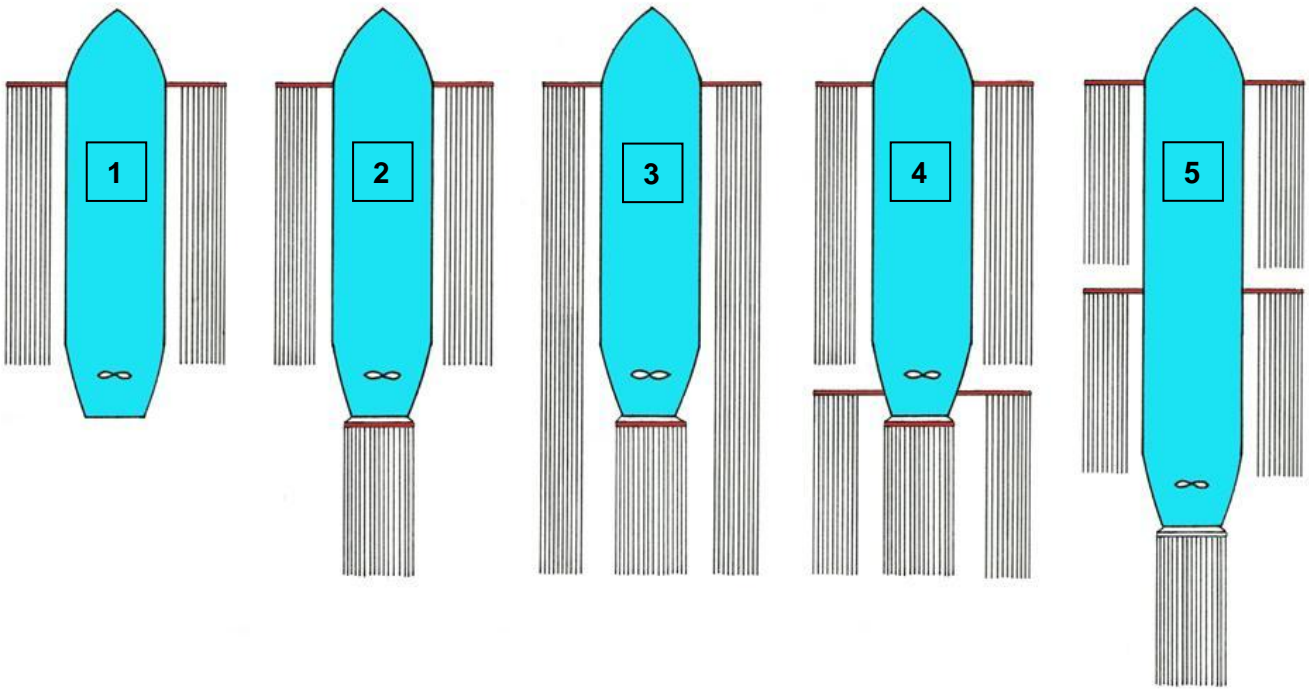
Technical details

The P-trap consists of a system of small wires that are almost invisible because they are towed directly under the watersurface. The key to success is in the wires. There are several ways to put them overboard and tow them next to the hull. One of the concepts is a horizontal swivel arm and a spreader bar, which is to be lowered to the waterline in order to keep the lines at the water surface. Another option is a bulkhead mounted horizontal arm that extends overboard to hold the spreader bar. There are several ways to spread the small lines in order to obtain a secure zone around the ship.

P-Trap safety zone line spread options (see picture below):

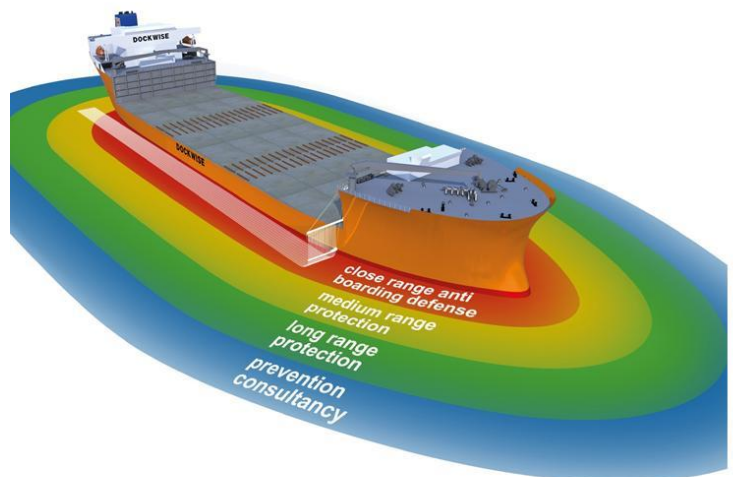
- 1 – Two P-Trap arms for side protection, no manoeuvring limitations.
- 2 – Two P-Trap arms for side protection and stern protection, no manoeuvring limitations.
- 3 – Two P-Trap arms for side protection and stern protection. Full line spread coverage, manoeuvring best practices review needed.
- 4 – Four P-Trap arms for side protection and stern protection, no manoeuvring limitations.
- 5 – Four P-Trap arms for side protection and stern protection for ultra-long vessels, no manoeuvring limitations.





Advantages

- Critical anti boarding system
- Simple application all vessels
- Passive non-lethal safeguard
- Without crew involvement
- All weather conditions
- Controlled risk own propeller
- Deployed for entire high risk area transit



Click below to see :

[Video of P-Trap system](#)

[Flyer P-Trap](#)

[Additional technical specs](#)

[Questionnaire List needed for technical evaluation and cost](#)

For any questions please contact your nearest Vecom office/ representative or contact: sales@vecom-marine.com

You are invited to visit our website to see our products anytime.

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