



Research & Development

In 2010 Maritech Special initiated, in close cooperation with Rijkswaterstaat, a study into the needs of professionals who have to deal with the recovery of floating water bodies. Soon after the first prototypes were developed, and after a series of extensive tests, the design of the Octopus was finalised.

The Octopus has been extensively tested in the most diverse places and under all possible water and weather conditions. This took place under the watchful eye of several professional parties with common interests.

Various presentations and demonstrations were organised at different Police locations. Among other demo's the Octopus was shown in practice for a large audience of professionals in Urk (NL) during a special training of the National Team Underwater Searches (LTOZ) and its partners. Additionally, successful demonstrations in fast-flowing water were performed for the Fire Department in Tiel (NL).

All these interviews, tests, demonstrations and presentations to and with specialists have contributed to the evolution of the Octopus to eventually reach the market in its current optimal form. An extremely useful new tool to quickly and carefully recover a floating water body in a respectful manner and to safeguard it.



Benefits of the Octopus

- **Respectful recovery of human remains**
 - ✓ Prevents drifting away and sinking
 - ✓ Prevents human contact with the body
- **After recovery no longer visible**
 - ✓ Prevention of trauma staff
- **Respectful transfer to the concerned authorities**
 - ✓ Forensically acceptable
- **Fixate remains out of the water**
 - ✓ Operation of a vessel / diver
- **After use, the ring can be returned for cleaning, in which the interior is replaced**
 - ✓ Recycling ring eco-minded / cost saving
- **Ring and cloth come with a unique serial number**
 - ✓ These are entered into a database at issue date and user

Supplies and accessories

- Plastic ring, which can be reused
- Protection bag
- Stick (adjustable from 1.8 to 4.6 meters)
- Equator
- Octopus kit, which contains all the resources you can use to safeguard a corpse. For instance, a respiratory protection mask and special rubber gloves etc.



Are you curious about the Octopus, do you have questions or do you like to participate in a test day?
Please do not hesitate to contact Maritech Special.



van Leeuwenhoekstraat 7 BU3 | T +31 174-44 03 51
2893 BA 's-Gravensande | F +31 174-44 03 52

internet: www.maritech.nl mail: info@maritech.nl



**RESPECTFULLY, CAREFULLY AND QUICKLY
SAFEGUARDING FLOATING HUMAN REMAINS**



Maritech Special introduces the 'Octopus'. A handy new tool to respectfully, carefully and quickly recover and safeguard floating human remains. The Octopus is an innovation of Maritech Special, realised in close cooperation with the Dutch Ministry of Infrastructure and Environmental Affairs (Rijkswaterstaat) and National Team Underwater Searches (LTOZ).

Necessity

Annually more than 200 bodies are recovered from water in the Netherlands. Research has shown that there are no recovery tools on the market that meet the three main requirements of professionals. It predominantly concerns the possibility to recover and safeguard a water body in a respectful, careful and fast manner.

Respectful & fast

The Octopus enables the operator to discretely shield the body with a cocoon from the views of bystanders. Deploying the application is simple and it can immediately be used to effectively recover the body. The Octopus is specially designed to prevent any disruption of evidence and to retain it for further investigation.

Careful

The innovation of Maritech prevents any form of human contact with the water body and covers it completely with a cloth especially suitable for forensic purposes. In short, forensic evidence is preserved, and post-mortem trauma can be prevented.



Patent NL2014675

Composition

The Octopus consists of three main components namely:

Durable plastic ring and stainless steel container



Special forensic cloth and air chambers



Handy extendable pole



Unique

An important feature of the Octopus is the durable plastic ring. As a result, the Octopus is extremely sturdy, yet lightweight. This makes that the new application of Maritech Special is easy to operate in difficult conditions, such as fast flowing water. The ring can be reused.



Another special feature of the Octopus is that it has inflatable air chambers. When the body is shielded the air chambers are activated and the water body will float in the cocoon, preventing it from sinking. With the rope that is then released, the cocoon is prevented from drifting away and can be secured on the desired location.

