FREYLIT UMWELTTECHNIK GmbH

The most efficient water treatment systems

DLA Energy - NATO – MARATHI DEPOT in CRETE GREECE

has PURCHASED a FREYLIT MOBILE OIL SEPARATOR in 2016

The system is used for Oil Spill Remediation which arise in the port during unloading of ships which transport fuels and refueling of warships and submarines

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HELPS with their FREYLIT MOBILE OIL SEPARATOR in the

MAJOR OIL SPILL in ATHENS –GREECE at the end of 2017

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ADVANTAGES of

FREYLIT MOBILE OIL SEPARATOR

FULLY AUTOMATICALLY CONTROLLED

FLOW RATE: from 60 l/min up to 600 l/min

1. Due to the size of the system, it can be transported to the oil spill site in a speedboat so that the remediation can begin immediately because the system works completely independently, as it is equipped with all the necessary system components such as a power generator, compressor and hoses

2. Rapid intervention and the immediate start of the remediation work prevents the oil (oil slick) from spreading.

3. The oil-water separation is carried out directly at the place where the oil spill happened

4. The remediation costs are demonstrably 50 times lower than with conventional remediation methods.

5. Every oil spill is verifiably remedied 24 times faster than with conventional methods.

6. With the floating skimmer developed by FREYLIT itself, the oil layer is sucked off the surface of the water and then the oil is separated from the water in the mobile oil separator. The water that has been cleaned from the oil is then returned to the harbor, ocean or body of water.

7. With the self-developed skimmer, not only thick layers of oil but also very finely distributed oil (oil film) are sucked off the water surface.

8. The oil separator developed by Freylit can also be loaded with 100% oil for a long time and is able to separate oil from 1% - 100% out of the water. Even with 100 percent oil pollution over a long period of time, no oil can get into the pure water outlet and into the harbor, ocean or body of water.

9. The service life of the system is around 20 years

10. Continuous operation with minimal personnel costs.
    After commissioning of the system there are only 2 supervisors required