



NORDIC DEFENCE INDUSTRIES A/S

NORDIC DEFENCE INDUSTRIES A/S (NDI) markets and manufactures the Danish Mine Disposal Charge, DAMDIC Mk 1.

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NDI and the Danish NMC initiated a joint development of the DAMDIC after it had become clear that no existing charge would be able to fulfil the Royal Danish Navy's rigorous safety- and operational requirements.

DAMDIC is carried to the mine by a remotely operated vehicle (ROV), for example the DOUBLE EAGLE from Bofors Underwater Systems, or the PLUTO PLUS from Gaymarine.

To enhance safety and trouble-free performance, detonation via cable was preferred to acoustic signals, which are considered unreliable in coastal waters with large variations in salinity through the water column.

Due to its many safety features, e.g. pressure activated fuse mechanism and several independent mechanical locking mechanisms, DAMDIC is only fully armed when it has been placed on the seabed and its cable is attached to an energy source – and even at this late stage of deployment it is still possible to safely recover it.



While DAMDIC is being carried by an ROV it is at no time armed, and can therefore be returned to the ship at no risk. Whilst large enough to offer an

extremely high kill-probability against any type of bottom mine, DAMDIC will not adversely influence the speed and manoeuvrability of the ROV since the charge weighs only 49 kg (21 kg submerged).

In addition to the RDN's design and selection of DAMDIC, the Royal Australian Navy and the Royal Norwegian Navy have chosen DAMDIC - because of its effectiveness and superior level of system safety, its low weight and volume, ease of storage, ready integration with the ROV, and above all, its accuracy and affordability.