



MDM-1

Mission

MDM-1 mod.1 and MDM-2 mod.1 sea bottom mines are intended for employment in minefields to endanger and destroy ships and surfaced or submerged submarines. MDM-3-mod.1 sea bottom mine is used in defensive minefields to destroy small-displacement ships and amphibious assault craft.

Features

The mines are fitted with local three-channel influence exploders activated by target's acoustic, electromagnetic and hydrodynamic fields sensed in a hemispherical danger zone. The exploders allow the mines to be deployed in both three- and two-channel configurations, with any combination of the channels possible. The mines possess effective anti-sweeping protection from modern influence sweepers and resistance to natural clutter owing to advanced exploder operating principle and anti-sweep device logic, as well as mine timing and ship counting devices employed. Intricate planting patterns and camouflage painting of the mines hinder their detection by sonars of surface ships and submarines, or by mine-hunting devices of remotely operated underwater vehicles.

MDM-1 Mod. 1 sea bottom mine

The mine can be laid by submarines equipped with 534mm torpedo tubes and ships fitted with mine-laying rails/ramps or mine-scattering systems. Surface ships can lay the mines at speeds of up to 15 knots, and submarines – at speeds of up to 8 knots.

When the assigned service life of the mine expires, it is self-destroyed.

Características básicas:

- Diameter, mm: 534
- Length, mm: 2860 5485*
- Weight, kg: 960 1070*
- Operating depth, m: 8-120
- Planted mine service life, not less than, years: 1
- Number of independently operating safety stages: 3
- Allowable service period (with scheduled maintenance and in standard operational conditions), not less than, years: 10





РОСОБОРОНЭКСПОРТ

Акционерное общество



АО «Рособоронэкспорт» – единственная в России государственная организация по экспорту всего спектра продукции, услуг и технологий военного и двойного назначения. Входит в Госкорпорацию Ростех. «Рособоронэкспорт» образован 4 ноября 2000 года и является одним из лидеров мирового рынка вооружений. На долю компании приходится более 85% экспорта российских вооружения и военной техники. «Рособоронэкспорт» взаимодействует с более чем 700 предприятиями и организациями оборонно-промышленного комплекса России. География военно-технического сотрудничества России – более 70 стран.

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