



Maham 3 Mine



DESCRIPTION

Maham 3 is a moored mine with magnetic and acoustic sensors which can sense targets instead of using horns or direct contact with a target. The mine is able to aim enemy ships from a distance of about 3 meters in both radius and depth.

Another advantage of this mine is that it can estimate the best point for approaching and aiming a vessel. An electronic timer with following specification is used in the mine to provide starting and finishing time:

Starting time of mine	1-30 days	With separate 1 hour
Finishing time of mine	1-365 days	With separate 1 days
Finishing method of mine	cods:1-3	Self-destruction neutral sinking
Vessel counter	1-99	-

MINE'S STRUCTURE

This mine has one magnetic and two passive acoustic sensors. Various optimum combinations of these sensors have been considered to make it easy for users to work with the mine by entering codes as following table:

Code 1	Acoustic low frequency	Against steel ships
Code 2	Acoustic low frequency + directional acoustic	Against non-steel ships
Code 3	Acoustic low frequency + magnetic	Against submarine

EXISTING SYSTEMS IN MINE

- Control system
- Pre-setter
- Safety device system



MAIN TECHNICAL AND TACTICAL SPECIFICATIONS

Total weight	383 kg	
Weight of charge	120 kg	
Mine dimensions	Diameter	800 mm
	Height	1324 mm
Max. mine laying depth	100 m	
Time intervals of service	10 Months	