



Derived from the OTOMAT MK2 missile system, MILAS is designed to carry and release an MU-90, or similar, lightweight torpedo, close to the designated submarine position, as indicated by the ship sonar or by a co-operating ASW helicopter or MPA.

MILAS is capable of ranges from 5 to in excess of 35 km in all directions. The system effectiveness relies on the capability to update the trajectory and the torpedo release point continuously during the missile flight, with the added advantage of modifying the torpedo settings in respect of target manoeuvres.

With its fast reaction time, operational range and availability, the system provides the launching ship and the escorted naval formation permanent and effective defence against the submarine, be it conventional or nuclear.

MILAS missiles can also be used together with OTOMAT MK 2 missiles in a common system for combined ASW and ASuW operations as in the Italian FREMMs.

Developed in co-operation by France and Italy, MILAS is in operational service with the Italian Navy.

## **MILAS**

SHIP-BORNE ANTI-SUBMARINE  
WEAPON SYSTEM

- **Counters submarine attacks from safe stand off ranges**
- **Instant operational availability**
- **All weather, fast reaction**
- **Low manpower requirement**

**MBDA**  
MISSILE SYSTEMS



## SEA

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### The MILAS system comprises:

- 1 control console fed with the ship's sonar information which performs mission planning functions, including torpedo delivery point and search parameters setting for the torpedo
- 1 re-vectoring assembly able to provide information to the MILAS in flight thus giving it the advantage over manoeuvring submarines
- Up to 12 MILAS missiles installed on twin fixed launchers

MILAS firing is controlled from the CIC by means of a dedicated console linked to the ship's combat system. The firing sequence is highly automated and only one operator is required.

### Name

- MILAS

### Missile characteristics

- **Weight: 800 kg (torpedo included)**
- **Length: 6 m (torpedo included)**
- **Diameter: 460 mm**

