



## A.184 Mod.3

### Heavy Weight Torpedo

#### DESCRIPTION

The A184 mod. 3 heavyweight torpedo is a multi-purpose weapon conceived to be launched by submarines or surface vessels. It is meant to counter the threat posed by any type of surface and underwater target. The A 184 mod. 3 is a powerful, long range, wire guided, and self-homing heavyweight torpedo (21-inch diameter), in service on Italian Navy submarines.

#### MAIN CHARACTERISTICS

- Dual purpose anti-submarine and anti-ship torpedo
- Push-out/swim out launch capability
- Compatible with a large variety of discharge systems
- Integration with all modern torpedo FCS
- Simple to interface with ship sensors and computing units
- Current tactical situation constantly evaluated for threat assessment and target selection
- Highly accurate reconstruction of target and torpedo position for hitting probability maximisation
- Digital two-way wire guidance communication link
- ACCM capability
- Very low radiated noise

#### ADVANCED ACOUSTIC HOMING

- Availability of active-passive-mixed acoustic modes during search, acquisition, attack and re-attack phases
- Long acquisition ranges assured in both shallow and deep waters
- Outstanding resistance to any type of acoustic countermeasure

#### ELECTRICAL PROPULSION SYSTEM

Powerful Ag-Zn battery with high energy content, contra-rotating motor and skewed direct-drive propellers, assuring minimum radiated noise and wakeless run, minimizing the torpedo detectability.

#### POWERFUL EXPLOSIVE CHARGE

- Lethal against surface vessels and submarines, actuated by both influence and impact fuses
- Safety and reliability guaranteed in any operational phase
- Warhead proven against real targets



SUBMARINE LAUNCHING SYSTEM

- Launch performed at any operational depth of submarine
- Presence of launching submarine not disclosed (start-up at low speed, cavitation free)
- Continuous monitoring of torpedo status in submarine tubes

