

ELECTRONICS DIVISION

# VULCANO 76

LONG RANGE HIGH ACCURACY  
AMMUNITION FAMILY

The transfer of VULCANO technology (155mm and 127mm) to the 76mm calibre creates a new family of long range precision ammunition, both guided and unguided. Thus the 76 gun system is a leap ahead of the competition, dramatically increasing its already outstanding artillery performances in the roles of Naval Gunfire Support (NGS) and Anti-Surface Warfare. The effective range of the gun is improved beyond the industry standard with the extra precision provided by VULCANO Technology: sub calibre, GPS-IMU guidance and IR or SAL Terminal Sensor, as well as Terminal Lethality improvements. Any existing 76 gun can fire the new ammo VULCANO 76mm family with an adaptation kit, according to the level of required performances. The new 76, with additional embedded features, will have multi-ammo selection and be fully compatible with the Strales configuration.

## MAIN CHARACTERISTICS

- High performance Multipurpose Semi-Armour-Piercing Warhead
- Sub Calibre, Fin Stabilized airframe
- Projectile weight -5kg
- Ballistic flight, no additional propulsion (>30km ballistic range)
- IMU + GPS guidance system, gliding phase (>40km guided range)
- Terminal Guidance (IR or SAL)

Ammunition configurations BER (Ballistic Extended Range)

- Unguided multipurpose (AAW, ASuW and NGS)
- Over 30km range
- Multifunctional Fuze
  - altimetric
  - proximity
  - time and air burst
  - impact and delayed impact

GLR (Guided Long Range)

- Guided for NGS missions
- Over 40km range
- Multifunctional Fuze
- GPS & IMU Guided

GLR/IR (Guided Long Range Infra Red)

- Guided for ASuW missions
- Up to 40km range
- IR Sensor for terminal guidance

## GUN SYSTEM INTEGRATION

### 76/62 NAVAL GUN

#### BER

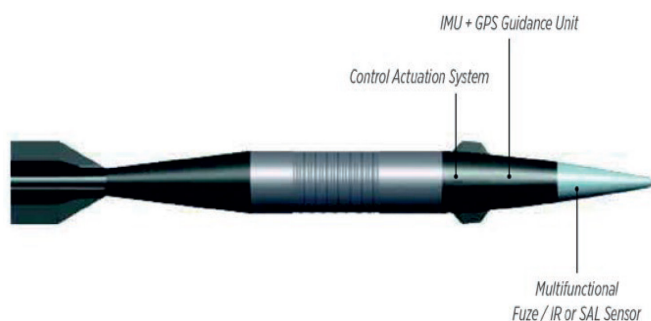
- Compatible with any of the company's in-service 76mm guns including Strales Configuration, needs only new range tables provided

#### GLR

- Compatible with any of the company's in service 76mm gun including Strales Configuration, needs adaptation kits
  - Digital Control Console or
  - adaptation kit (mandatory)
  - GPS receiver
  - Multi-ammo selection system (recommended)

#### GROWTH POTENTIAL

- Semi Active Laser (SAL) terminal guidance for land mobile target engagement



#### For more information:

infomarketing@leonardo.com

#### Electronics Division

Via Valdilocchi 15  
19136 La Spezia-Italy  
T +39 0187 5811  
F +39 0586 854060



leonardo.com

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