Typhoon MLS-NLOS™
Medium-Range, High-Impact Naval Missile System

Benefits

- Complete Naval Missile for range of up to 25 Km.
- Typhoon MLS-NLOS features day and night operation.
- Pin-point accuracy
- High hit probability
- Minimal collateral damage
- Fire & Forget mode and Non Line of Sight (NLOS) capabilities
- Easily installed and simple to maintain

- Typhoon MLS-NLOS is a complete Naval Missile System. The system includes Spike-NLOS missiles, a fire control system and an electro-optic payload.
- The compact system can be installed on a range of naval platforms.
- Spike NLOS is an electro-optically guided multipurpose missile for ranges of up to 25 km with pinpoint accuracy. The missile offers the unique advantages of hitting Non-Line Of Sight (NLOS) targets, based on midcourse navigation and the ability to switch between targets during missile flight and abort missions.
- Typhoon MLS-NLOS can be operated in both offensive and defensive scenarios. In addition to attacking hidden targets, the Spike NLOS missile can provide real-time tactical intelligence.
- Featuring day and night, all-weather target engagement capability, Typhoon MLS-NLOS is the ideal solution for sea to shore fire support or sea to sea targeting.
- Typhoon MLS-NLOS is a reliable asset of both the Typhoon System and the Spike-NLOS Missile to provide maximum operational flexibility.
- Can be supplied with a variety of warheads (heat, fragmentation, PBF, PBF/F) suited for low intensity asymmetric conflicts, high intensity conflict (anti-armor), and future stand-off battle scenarios (small group, remote/special operations).
- Can be integrated with C4I and UAVs for provision of externally-acquired target coordinates.
Typhoon MLS-NLOS

Member of RAFAEL’s multi-generational family of advanced, electro-optic-guided naval missiles share many of the same features that enable modern navies to meet evolving maritime challenges. Sophisticated electro-optic day/night sensors for operation by day/night and under adverse environmental conditions, variable trajectories and superior stabilization for pin-point precision combine for boosted force lethality.

Technical Specifications

<table>
<thead>
<tr>
<th>Effective range</th>
<th>25 km</th>
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<tr>
<td>Weight - Missile in canister</td>
<td>74 kg</td>
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</table>
| Mode of operation     | • Direct attack (LOS, BLOS)  
                       | • Mid-course navigation |
| Warheads              | Heat, fragmentation, PBF, PBF/F |

System configuration

There are several configurations that can be provided taking under consideration the customer operational need and platforms.

The two main configuration are:
- System with 8 missiles equipped on a turret.
- System with 2 missiles and up to 30mm caliber stabilized Gun weapon station turret.

The Typhoon MLS-NLOS can be installed on a variety of naval platforms, and integrated with onboard weapon systems, thereby providing maximum operational flexibility with a low life-cycle cost.

Features

- Defeat of long-range hidden targets with pin-point accuracy, reliable battle damage assessment and accumulation of real-time intelligence.
- High hit probability
- Minimal collateral damage
- Ability to hit non-line of sight targets
- Fire & Forget mode capability
- Multi-mode operation: Equipped with passive advanced dual mode electro-optic seeker, Charge Coupled Device (CCD) and Imaging Infra-Red (IIR) camera
- High reliability with Low life-cycle cost
- Ability to abort mission after launch
- Battle-proven and operationally deployed in the thousands

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