

## **IMI exhibits its products and capabilities at the AUSA 2011 Annual Meeting & Exposition**

Ramat Hasharon, Israel, October 26, 2011 - **Israel Military Industries Ltd. (IMI)** has presented a variety of advanced defense solutions at the AUSA 2011 Annual Meeting & Exposition, held in Washington, D.C (October 10-12).

During the three-day exhibition, **IMI** conducted meetings with top military officials and representatives of leading security industries from the U.S. and others worldwide.

Several of **IMI** systems were presented by some of its U.S. partners, including **General Dynamics Armament and Technical Products (GDATP)**, **Esterline Defense Technologies**, **Raytheon** and **Ensign Bickford Aerospace & Defense (EBA&D)**.

As in the past, AUSA was a successful event for **IMI**. The company will continue to take part in AUSA exhibitions in the future.

Among the highlights of the AUSA display were the new configurations of the **IRON FIST** advanced Active Protection System for light to heavy Armored Fighting Vehicles (AFVs) and the **SHOCK ABSORBER** man-portable Electro-Optical situational awareness and 'Soft-Kill' protection system, designed to provide dismounted troop deployments and stationary targets with threat detection and alarming, as well as 'Soft' and 'Hard-Kill' defense layers and rapid counter-attack capabilities against Anti-Tank Guided-Missiles (ATGMs).

In it's new configuration, **IRON FIST** has been upgraded with a newly improved RF and Electro-Optical threat-detection sensor kit, enabling easy installation onto the protected vehicle, without increasing its silhouette, as well as a complete 360° coverage using only three radars, instead of four.

In addition to the **IMI** display, a 1:10 scale model of the **IRON FIST** APS, mounted on a Stryker AFV, was featured at the **GDATEP** stand.

The newly configured **SHOCK ABSORBER** has been installed with enhanced Situational Awareness and both day and night panoramic vision and is designed to enable an optional integration on vehicles and naval vessels, in addition to being carried by dismounted troops.

**IMI** also featured its new **M339** – 120mm HE-MP-T (High-Explosive, Multi-Purpose) tank cartridge, designed to effectively engage a variety of targets including bunkers, vehicles, fortifications and urban structures, as well as Anti-Tank squads and infantry dismounts in the open. Utilizing a programmable, multifunction fuze, with three modes of operation: Point Detonation (PD), Impact Point Detonation Delayed (PDD) and Air-Burst, the **M339** is an affordable, easy-to-handle solution for tank crews operating in urban scenarios and others.

The **M339** is the latest of **IMI**'s family of High-Explosive (HE) Multi-Purpose tank rounds and joins the combat proven **M329** Multi-Purpose tank round, (Hebrew name: "**Calanit**"), which has recently been awarded the prestigious **2011 Israel Defense Award** for its meaningful contribution to the security of Israel.

**IMI** has recently received an order by the IDF, totaling more than several dozen million NIS, for **M339** cartridges - soon to be fielded in its Merkava Mk3 and Mk4 MBTs.

**Advanced Armor Solutions for Multi-Threat IED-EPF & RPG protection** were displayed by **EBA&D**. These included the **IRON WALL** – a passive armor system effective against small arms ammunition and Improvised Explosive Devices (IEDs) and Explosively Formed Projectiles (EFPs) and **BREAK WATER** – a hybrid armor, which combines passive and reactive components, designed to provide protection against small arms ammunition, Anti-Tank Guided Missiles (ATGMs), as well as heavy EFPs employing advanced copper liners.

Two of **IMI's** infantry force-multipliers were highlighted at the exhibition:

- The **MULTI-PURPOSE RIFLE SYSTEM (MPRS)** - an integrated weapon system designed to provide modern infantry soldiers with increased lethality and target engagement capabilities, as well as enhanced target incapacitation and suppression through the use of Multi-Purpose, Air-Burst grenades. The weapon system displays a corrected aiming point for the proper elevation necessary for an accurate fire and automatically sets the time delay fuse in the grenade to Air-Burst at a preset altitude over the target, creating maximum lethality. In Impact Mode, the fuze can be set to explode at a preset delay after impacting the target, enabling effective suppression of enemy troops behind defilade or inside buildings. **MPRS** can be used on a variety of assault weapons carrying a 40 mm grenade launcher, including the M16/M4, AK47 Kalashnikov and the Tavor TAR-21, or on a Multiple Grenade Launcher. The system was also showcased by **GDATP**.
- The **GMM120** - a 120mm Guided Mortar Munition, co-developed by **IMI** and **Raytheon**, designed to improve infantry troops' ability to engage enemy forces positioned out of the line of sight, including those located on a reversed slope, such as a mountain or ridge. The 120mm mortar bomb is controlled by a dual guidance system, utilizing both GPS and Semi Active Laser (SAL) spot homing. The mortar bomb has a maximum range of 9 kilometers, with hits being scored within 10 meters CEP (Circular Error Probability). The **GMM120** was also presented at the **Raytheon** stand.

Visitors could learn about **IMI's** role as a world-leading resource for advanced countermeasures, designed for the protection of aircraft and helicopters.

During the exhibition, **IMI** and **Esterline Defense Technologies** showcased the jointly developed **ADVANCED IR SPECTRAL FLARES** (dubbed ASF-MB; ASF-6 and ASF-3). The flares provide combat aircraft with increased survivability against most MANPADS and are in use and combat-proven by the Israeli Air Force (IAF).