

DSEI 2015 – Photo Report (I)

Defense-Update



The new Ajax (Scout SV) armed with the 40mm Case Telescopic Cannon (CTC). Photo: Tamir Eshel, Defense-Update



The 40mm CTC was displayed on several platforms at DSEI 2015, including the General Dynamics UK Ajax, and an upgraded French VBCI 2 with a new turret, displayed by Nexter on VBCI II. Photo: Tamir Eshel, Defense-Update



Israel's armor specialist Plasan unveiled a hybrid composite armor solution conforming to 'Level 5-6' protection standard, providing protection equivalent to 12 layers of gapped steel. Photo: Tamir Eshel, Defense-Update



The 40mm turret being added to the VBCI-2 provides much higher lethality to the French AFV. The turret is manned by a crew of two, seated in the spacious capsule, surrounded by the vehicle's sensor displays that provide enhanced situational awareness in combat. The turret also mounts the 40mm CTC gun. Photo: Tamir Eshel, Defense-Update



Rheinmetall Defence unveiled the latest configuration of active protection systems, comprising a hybrid solution made of passive and active protection means, an infra-red smoke dispenser,

skirts made of composite materials and blast-based active protection module, triggered by four sets of sensors – two are covering the lower approach angles and two are covering the vehicle from side and top attacks. This specific solution is configured to match the CV-3095. Another solution displayed is matching the integrated armored cabin for trucks. Photo: Tamir Eshel, Defense-Update

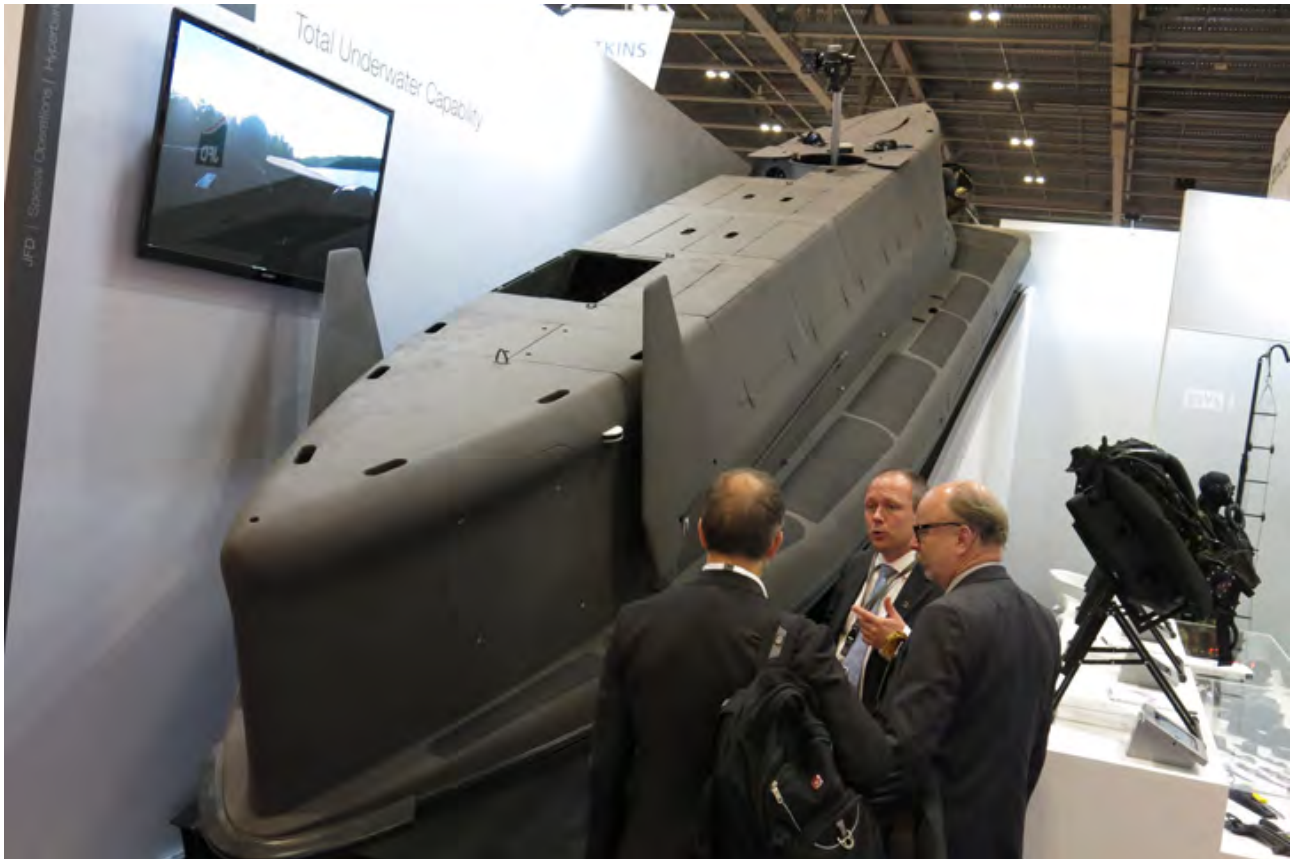


Another innovative weapon system approach from Rheinmetall Defense. These four 20kW lasers modules are coupled into a multi-effector system emitting 80 kW, where all lasers operate in synch, to yield the higher overall emission. More laser emitters can be stacked to create a hundred kW class laser effector, utilizing an effective and proven beam concentration.

These lasers have already demonstrated the capability to defeat mortar rounds at a distance of few kilometers, in two seconds, and multiple unmanned aerial vehicles at distances of 500 meters. Photo: Tamir Eshel, Defense-Update



The laser interceptor from Rheinmetall could one day provide a central effector for Skyguard air defense systems. This specific interceptor packs three 20kW lasers enabling defeat of fast flying aerial target such as mini UAVs. Photo: Tamir Eshel, Defense-Update



This Seal Delivery vehicle can carry two operators and six divers along with their crews, supporting target surveillance, infiltration and extraction. The complete unit can be dropped into theater by parachute. Photo: Tamir Eshel, Defense-Update



Among the few active protection systems (APS) which are on display was the Trophy LV. This APS IS is designed to operate on light protected vehicles. Photo: Tamir Eshel, Defense-Update