

# Army Guide monthly



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**Defence Industry**

**The Atlet ARRV Enters Service with the Ukrainian Army**



On 24 November, 2008, the Ukrainian Minister of Defence took a decision to accept for service with the Ukrainian Army the Atlet armoured repair and recovery vehicle (ARRV) developed by the State Enterprise Kharkiv Morozov Machine Building Design Bureau.

This ARRV is intended to carry out the following missions: recover and tow a disabled tank, self-propelled artillery system, and other similar vehicles; repair the vehicles; and carry out welding and excavation work. The vehicle is fitted with towing devices, winches, crane, dozer blade, load platform as well as a full range of tools and contrivances to carry out repairs of armoured vehicles. The total weight of the ARRV is 46 tons, and it has a crew of three. The armament consists of a 12.7 mm machine gun that can be laid and fired from within the vehicle under complete armour protection.



**Defence Industry**

**Within One Year the Ukrainian Army Has Received 56 Bulat Main Battle Tanks**



During the last year the military units of the Ukrainian Armed Forces received from Kharkiv 56 Bulat main battle tanks (MBT), which are an upgraded version of the T-64B battle tank. This was announced by Alexey Podgorniy, the acting director general of the Kharkiv-based State Enterprise Malyshev Plant.

The next year is to see delivery of another 30 upgraded tanks. If provided with relevant financial support, the Malyshev Plant will be able to establish in the near future the facilities for production of the first ten Oplot MBTs.

The Oplot MBT, which is to enter service with the separate tank brigade of the 6th Army Corps of the Ukrainian Army, is the first national tank of Ukraine.

The Oplot features a 1200 hp engine, automatic gearbox, new fire control system, excellent tactical and

mobility characteristics, good crew ergonomics and, if compared with similar foreign tanks, low cost.

Besides, it is planned to supply three Atlet armoured repair and recovery vehicles and ten BTR-4 armoured personnel carriers. These armoured vehicles, according to the General Designer of Kharkiv Morozov Machine Building Design Bureau Lt Gen Mikhaïlo Borysiuk, are in many aspects are on a par with the most advanced foreign vehicles.



**Robots**

**QinetiQ North America Announces New Orders for TALON Robots and Spares Totaling \$58.5 Million**



MCLEAN, Va. -- QinetiQ North America, a global developer of innovative technology solutions for national defense, today announced that the Foster-Miller subsidiary of its Technology Solutions Group has been awarded a total of \$58.5 million in funding for additional TALON robots and replacement parts.

The total represents awards from the U.S. Army and Navy made during the six-month period since a new \$400 million IDIQ (indefinite delivery, indefinite quantity) was announced last May.

The new delivery orders include \$48 million against the \$400 million IDIQ awarded by the Robotic Systems Joint Program Office (RSJPO) administered by the Program Executive Office - Simulation, Training and Instrumentation (PEO-STRI) and \$10.5 million against the \$295 million IDIQ awarded by the Navy's Explosive Ordnance Disposal Technology Division (NAVEODTECHDIV).

More than 2,400 TALON robots are now deployed around the world, with a significant number of them in Iraq and Afghanistan. They are used primarily to assist military personnel with the extremely dangerous job of detecting and disabling roadside bombs - the Improvised Explosive Devices (IEDs) planted by hostile forces to attack troops. TALON robots have been used in more than 100,000 counter-IED missions to date, saving countless lives in the process.

"TALON continues to play a vital role in the defeat of roadside bombs and IEDs in Iraq and Afghanistan," said Dr. William Ribich, President of the Technology Solutions Group. "In addition, our soldiers and marines are constantly exploring new ways to deploy the robots and maintain their own safe standoff distances in all types of challenging situations. We're pleased that the partnership of soldier and TALON is proving to be so durable and successful."

QinetiQ North America delivers world-class

technology and responsive solutions to government agencies and commercial customers for many of their most urgent and complex challenges. QinetiQ North America is an independent, innovative technology provider that earns over a billion dollars in revenue operating with small company speed and agility while leveraging significant global resources.

QinetiQ North America's Technology Solutions Group, headquartered in Waltham, MA, includes the businesses of Foster-Miller, Inc., and its subsidiaries Planning Systems Incorporated, Automatika, Applied Perception, Spectro, Inc., and the research and development activities of Apogen Technologies, Inc.

## Defence Industry

### British Troops Could Get Firepower Boost From New Warrior Turret And Gun



KIRKUDBRIGHT, Scotland -- British troops could get a major increase in firepower thanks to a revolutionary gun system and advanced turret destined for their armoured fighting vehicles.

Senior officials from the UK Ministry of Defence (MOD) and its French equivalent, the DGA, saw the system in action on a Warrior vehicle at the Kirkcudbright range in Scotland. The BAE Systems MTIP2 turret and its Cased Telescoped Armament System (CTAS) is already cleared to fire from a moving vehicle at a moving target.

MTIP2 is a BAE Systems-funded project to de-risk both the Warrior Fightability and Lethality Improvement Programme (WFLIP) and the FRES Scout vehicle. The company's offerings into the competitions for the two programmes use different turrets with a common architecture and many common systems, including CTAS, to reduce the training and logistics burden.

During the trials, a number of users commented that the turret exhibited a step change in stabilisation performance from the Challenger 2 tank, widely regarded as the benchmark.

Over the course of three trials open days, visitors saw the system perform static and moving firings against static and moving targets, using both training and armour-piercing rounds. 90 rounds were fired from the 40mm gun and 600 rounds from the chain gun, achieving high levels of accuracy and reliability.

"I was delighted to have the opportunity to see for myself the substantial progress that BAE Systems has made in the development of its solution to meet our high-priority requirement to upgrade Warrior," said Major General Chris Wilson, the MOD's Capability

Manager Battlespace Manoeuvre.

The tests were carried out in a demanding, rough-terrain environment which included changing altitude, direction and attitude whilst firing the gun. The system demonstrated the ability to rapidly change types of ammunition as well as switching from main armament to coaxial chain gun, all achieved with the vehicle on the move.

The trials were part of a programme which began with the Manned Turret Integration Programme (MTIP) which achieved Live Crew Clearance in 2006. This then progressed to MTIP2 which is heavily based on the WFLIP requirement.

Earlier in November Land Systems learned it had been successful in remaining in the WFLIP competition following an MOD debrief on the Preliminary Qualification Questionnaire, the first stage in the selection process.

"Our submission was extremely well received and scored highly across the board," said WFLIP Campaign Director Judith Eastwood. "Our focus now is to press on with further trials so that we can be ready for early production subject to UK MOD timescales. Our supply chain has provided invaluable support and with them we are able to integrate the best of breed into our solution. Value for money and technical maturity are our top priorities."

An 'invitation to tender' for WFLIP is expected for Spring with down-select to one bidder at the end of 2009. The UK MOD mandated the 40mm CTAS for all bidders for both FRES Scout and the Warrior Future Lethality Improvement Programme in April 2008.

"MTIP2 and the CTAS represent BAE Systems Land Systems' biggest development programmes," said Sales Director David Leslie. "They are in a high state of maturity and an in-service date of 2013 for Warrior is feasible. Both turret and weapon system have system growth potential for 30-plus years and significant potential applications beyond WFLIP and FRES Scout."

CTAS, a novel concept using conventional technology, has been under development for more than 12 years by CTA International, a joint venture between Nexter and BAE Systems. Both the gun and ammunition of the 40mm CTAS take up roughly the same space inside the turret as a 25mm conventional equivalent, which means that a scout or infantry fighting vehicle can have much greater punch, weight for weight, than existing systems. The cylindrical ammunition is also much easier to stow and handle by automated systems. The gun system has been designed to vastly increase reliability by eliminating over half of a conventional gun's most unreliable parts.

CTAS will fire armour-piercing fin-stabilised rounds and a general purpose explosive round which can be set for air burst via on-board computers.

MTIP2 is fabricated from welded steel to which has been added an applique® armour package. Both commander and gunner are provided with day and thermal vision and integrated laser rangefinder to give high "fightability". The MTIP2 turret integrates CTAS

and fits Warrior without any modification.

## Defence Industry

### HITFACT 105mm Turret Tested on the Pandur II



The Templar knights were strange characters indeed: half monks, half soldiers, ascetics and bankers, individually poor yet extremely rich as an order, they originally set out to win back Jerusalem and the Holy Sepulchre for Christianity

Their principal headquarters could be found in the city of Tomar, on the banks of the river Tago, inside a convent-castle.

Just a few kilometres from Tomar is Poligono di Santa Margarida, a large basin surrounded by low hills, where the blue of spring skies is obscured by low-hanging rain clouds which continuously creep in from the Atlantic and discharge themselves upon the first high grounds of the Spanish-Portuguese border.

The vegetation is reminiscent of Sardinia, with high eucalyptus trees which impregnate the air with their fragrance and shrubs of broom and pennyroyal. The red, clayey soil retains the heavy rains in large puddles.

This was the setting for the mobility and firing tests of the 105mm HITFACT turret mounted on the 8X8 Pandur II armoured vehicle, manufactured by the Austrian company Steyr and already used by the Portuguese army in a troop transport version.

Excellent results were achieved in all conditions, from stationary vehicle to stationary target to the more difficult situation of a moving vehicle shooting at a moving target. Spectacular scenes were also provided by the mobility demonstration, which included clearing a mud-filled trench and the steep slope of a dried-up gravelly riverbed, finished off with its return amidst sprays of muddy water.

The turret represents a brand new concept in some principal subsystems (electrical control systems, new, special barrel steel, the latest generation of fire control systems and recoil brakes) and is the fruit of close on 50 years experience in the area of 105mm guns and follows the production of approximately 500 Centauro turrets.

There to witness the tests was the National Armaments Director, a number of representatives from the Portuguese army and Defence Ministry, the Italian Military Attaché and representatives from the Italian Defence Ministry, not to mention an official American observer. The final day was dedicated to the press and local television channels, which were eager to find out all the technical details and the system's special features.

## Defence Industry

### ATK Awarded \$87 Million Contract to Supply Non-Standard Ammunition for Afghanistan

MINNEAPOLIS -- Alliant Techsystems has been awarded an \$87 million contract by the U.S. Army Sustainment Command in Rock Island, Ill., to supply various types of non-standard (non-NATO) ammunition in support of emergent requirements for Afghan National Security Forces.

ATK, in partnership with Allied Defense Group, has worked diligently to identify, qualify, and integrate a team of international manufacturers dedicated to the on-time delivery of quality non-standard ammunition.

Under this contract, Team ATK will provide the technical and supply chain management expertise necessary to mitigate supply chain risks that could impede, or prevent, the continuous flow of compliant non-standard ammunition to our Afghan allies. ATK will utilize capable international manufacturers and distributors with the ability to supply non-standard small, medium, large caliber ammunition and rockets.

"This award validates our pursuit of new international growth opportunities that are transforming ATK into a world class integrator of global defense systems," said Mark DeYoung, President, ATK Armament Systems. "ATK's supply chain expertise enabled us to offer affordable quality products from geographically dispersed regions to satisfy these emerging customer requirements."

ATK is a premier aerospace and defense company with more than 17,000 employees in 21 states and approximately \$4.6 billion in revenue.

## Contracts

### Navistar Wins Extra \$362M for MRAP Vehicles



Navistar Defense LLC, Warrenville, Ill., is being awarded a \$362,283,452 firm fixed priced delivery order #0010 under previously awarded indefinite delivery, indefinite quantity contract (M67854-07-D-5032) for the procurement of Category I Mine Resistant Ambush Protected (MRAP) Low Rate Initial Production (LRIP) vehicles with Engineering Change Proposal (ECP) upgrades for enhanced maneuverability with greater armor protection.

This delivery order will procure 400 Category I MRAP MaxxPro DASH vehicles to provide protection for U.S. Military personnel currently in theater.

The MRAP vehicles are armored vehicles with blast resistant underbodies designed to protect the crew from

mine blasts, fragmentary, and direct fire weapons.

Work will be performed in WestPoint, Miss., and work is expected to be completed by the end of May 2009. Contract funds will not expire at the end of the current fiscal year. This contract was competitively procured.

The Marine Corps Systems Command, Quantico, Va., is the contracting activity.

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### Defence Industry

## CV90 Enters Service with Dutch Army



Dutch State Secretary Jack de Vries was visibly impressed by the brand-new CV90 during the test ride he was given at the Bernhard barracks in Amersfoort.

The event marked the official service introduction of the new infantry fighting vehicle in the Dutch Army.

After the successful completion of the trials phase, the Director of Defence Material Organisation (DMO), Lex Hendrichs, this morning handed over the first five vehicles to the deputy commander of the Land Forces, Major General Marcel van den Broek.

The CV90, together with the Fennek reconnaissance vehicle and the Boxer heavy wheeled armored vehicle, will ultimately replace all of the “good old” YPR armored transport vehicles, which must be retired after dozens of years of faithful service.

CV90 has much increased firepower, a top speed of 70 km/h, a radius of action of 600 kilometers and offers much improved protection for its occupants. The CV90 can carry 10 people, including three crew and seven fully-equipped infantrymen. (The CV90 is designated CV9035NL by the Netherlands).

The Ministry of Defence has chosen to procure a combination of modern vehicles to ensure that the Royal Netherlands Army is optimally equipped for the full spectrum of future missions, ranging from humanitarian aid missions to participation in a large-scale conflict. Thanks to its heavy weapons and armor, the CV90 can operate in the heaviest operational conditions.

The Netherlands have opted to arm their CV90s with the Bushmaster III, a 35mm rapid-fire gun which can disable targets at ranges of up to two kilometers. Furthermore, the vehicle has a 7.62 mm machine-gun and 10 launchers for smoke and shrapnel grenades. With minor modifications, the turret can be equipped with a 50 mm gun. The crew is protected against hostile fire by effective armor protection, and the vehicle is fitted with laser warning receivers.

The Ministry of Defence will procure 192 CV90s, including those intended for training. Earlier versions of

CV90 are already in operation with the armed forces of Sweden, Norway, Finland, and Switzerland.

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### Defence Industry

## BAE Systems Secures \$112 Million for Armored Vehicle Upgrades and Support

YORK, Pa. -- BAE Systems will provide engineering upgrades, spare parts, maintenance documentation and logistical support to RG33 Mine Resistant Ambush Protected (MRAP) vehicles under a dozen separate contracts from the U.S. Army. The total value of the contracts is \$112.9 million.

The RG33, one of five different MRAPs ordered by the U.S. government, features strong protective armor and a v-shaped hull, designed to deflect the impact of blasts from mines. The U.S. military has cited the protection provided by MRAP vehicles as a reason for the decrease in the number of military casualties in Iraq.

The largest group of contracts, worth a combined \$99 million, is for field service support. BAE Systems will provide field staff to work side-by-side with service members who will be using the vehicles in theater.

“Through training and support at installation sites across the U.S. and various locations in-theatre, we ensure that soldiers receive the instruction needed to execute successful missions while using these vehicles,” said Matt Riddle, vice president for Wheeled Vehicle Programs at BAE Systems.

Activities associated with these awards include:

- \$3.2 million for engineering changes that improve vehicle performance for Heavy Armored Ground Ambulance (HAGA) and Special Operation Command (SOCOM) variants;
- \$8 million for training, maintenance and logistics support documentation; and
- \$2.7 million for replacement RG33 parts.

Work under the contract will begin immediately by the existing workforce, and will run through December 2009. The contract is managed by the Army’s TACOM Life Cycle Management Command.

BAE Systems is the premier global defense and aerospace company delivering a full range of products and services for air, land and naval forces, as well as advanced electronics, information technology solutions and customer support services. With approximately 100,000 employees worldwide, BAE Systems' sales exceeded BJ15.7 billion (US \$31.4 billion) in 2007.

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### Defence Industry

## General Dynamics Awarded \$10 Million Training Support Contract by the U.S. Army

FAIRFAX, Va. -- General Dynamics Information Technology, a business unit of General Dynamics, was awarded a \$9.9 million, 18 month contract from U.S. Army Training and Doctrine Command (TRADOC) to support the Ordnance Mechanical Maintenance School at Aberdeen Proving Grounds

in Maryland.

Through this contract, General Dynamics will provide Army-qualified, TRADOC-certified instructors to train Advanced Individual Training (AIT) soldiers and professional development students on mechanical maintenance on tanks, small arms weapons, wheeled and tracked vehicles, trucks, generators, air conditioners and other equipment.

“Winning this contract again demonstrates our commitment to providing training services and strengthens our place in the training market,” said Zannie Smith, senior vice president of General Dynamics Information Technology’s Army Solutions Division. “We will continue to support our Army customer with quality instructors to accomplish a very challenging mission.”



### Defence Industry

#### The upgrading of 108 AMX 10P armored vehicles is complete



Versailles Satory, December 17th, 2008 - Nexter has just finished upgrading 108 AMX 10P tracked armored personnel carriers ahead of the initial schedule.

This upgrade was carried out in six French Army infantry regiments. The last armored vehicle was returned to the 92nd Clermont-Ferrand Infantry Regiment on October 23, 2008.

As a reminder, the DGA French procurement agency had placed an order with Nexter in September 2005, notably concerning the upgrade of these 108 armored vehicles and the delivery of 258 gearboxes.

This operation increased the vehicle's protection with the installation of add-on armor. Its mobility was increased by fitting new suspension systems and a strengthened gearb



### Defence Industry

#### The DGA orders 116 VBCI Armoured Vehicles



On 5th December 2008, the DGA (French armament procurement agency) issued a purchase order to Nexter for the delivery of 116 infantry combat armoured vehicles (VBCI). This order brings the total number of vehicles ordered to date to 298 VBCIs.

The DGA has accepted the first 41 vehicles in accordance with the initial schedule.

The VBCI is a fully developed product that meets current operational requirements in terms of projection capability, protection and growth potential. This 8 X 8 off-road armoured vehicle is designed to replace the AMX10P, and will offer armed forces a very significantly uprated performance.

In the VCI (infantry combat) version, it can carry 11 soldiers into the combat zone. The VBCI is the right compromise between payload capability and fire power. It has a 25 mm gun and a 7.62 mm MG and weighs around 25 tons in operational configuration. The VBCI has a maximum speed of over 60 mph and will be air-transportable in the future A400M transport aircraft.

The VBCI provides a real “life base” for the infantry soldier, offering a very high level of protection, including an NBC protection system. It is equipped with armour that resists medium calibre fire, shell shrapnel and improvised explosive devices (IED), together with a very high degree of protection against mines and an anti-missile infra-red decoy system. This protection will soon be reinforced by active protection (hard kill) against RPG rockets, HE shells and anti-tank missiles.

The VBCI exists in a command post version (VPC) and infantry combat version (VCI). The vehicle design offers considerable growth potential, whether in terms of integrated systems, protection or motorization.

The VBCI is produced by a group of companies, formed by Nexter Systems and Renault Trucks Dfense.



### Contracts

#### Kongsberg Receives \$50 Million Contract from Swiss Army

WASHINGTON -- This week KONGSBERG was awarded a contract valued at \$50 million by the Swiss Army for the delivery of PROTECTOR Remote Weapon Stations (RWS).

The contract will include logistics for RWS integration on the GMTF protected personal transport vehicle and the ABC reconnaissance vehicle program, which is used in the detection of radioactive, biological or chemical substances. Deliveries of the weapon stations are scheduled to start in late 2009.



The PROTECTOR RWS will provide the Swiss Army with efficiency gains for the protection of military personnel. Currently supporting the U.S. Army's Common Remotely Operated Weapon Station (CROWS II) program, PROTECTOR RWS enhances troop protection and lethality by providing Soldiers with the ability to acquire and engage targets while inside the safety of a vehicle. Designed to mount on a variety of vehicle platforms and support numerous weapon systems, the PROTECTOR RWS is among the most versatile and cutting-edge products in the Army inventory.

"The Remote Weapon Station market is rapidly expanding worldwide," said Knut Saeter, VP of Kongsberg Defence and Aerospace in Alexandria, VA. "This order is a great example of how strong the Protector RWS is in the international market as saving Soldiers' lives and increasing battlefield effectiveness is of the upmost importance."

With headquarters in Norway and production facilities in Johnstown, PA, Kongsberg Defence and Aerospace is the leading supplier of remote weapons stations worldwide, providing 16 countries with the PROTECTOR family of RWSs. Kongsberg supplies high-technology systems to customers engaged in offshore oil and gas production, the merchant marine, and the defense and aerospace industries.

## Defence Industry

### UK Orders Bronco Armored All-Terrain Vehicles

A beast of a vehicle will be unleashed on operations when MOD converts more than 100 Broncos, from Singapore Technologies Kinetics, into Warthog armoured vehicles for the Armed Forces in Afghanistan.

Bronco will arrive in the UK in 2009 to undergo transformation to become the armoured, all-terrain vehicle Warthog replacing the Viking in Afghanistan.

Warthog will be powered by a 7.2 litre engine producing 350 bhp and will be able to move through

water - all while carrying up to 14 troops.



When not in the water, the highly agile, all-terrain vehicle will be able to climb steep gradients, cling to severe side slopes, tackle vertical obstacles and roll across trenches.

Minister for Defence, Equipment and Support, Quentin Davies, said:

"Warthog will be true to its name as a beast of a vehicle that can manoeuvre across difficult terrain, power-up steep gradients and even cling to slopes. Warthog will provide improved protection to our troops in Afghanistan's green zone, where water and a fragile infrastructure make it difficult for other vehicles to operate. It will be able to move through deep water while carrying troops at the heart of our operations."

A protected gun mount, extra armour, specialist electronic counter-measure equipment and communications tools will be added before Warthog is deployed on operations.

Warthog will come in four variants - a troop carrier, an ambulance, a command vehicle and a repair and recovery vehicle. The ambulance variant will be capable of carrying casualties, medics and kit. Warthog's repair and recovery variant will be fitted with a crane and winch, and will have the capability of towing another 18-tonne Warthog vehicle back from the front line.

President of Singapore Technologies Kinetics, Mr Chee Jhuen Sew, said:

"We have been delighted by the close and constructive relationship established between the UK MOD and ST Kinetics. UOR contracts demand speed, openness and trust; that all these have been realised across culture and distance testifies to the professionalism existing within the UK MOD today."

More than 100 Bronco vehicles have been bought from Singapore Technologies Kinetics (STK) in a deal that is worth over BJ150M.

#### BACKGROUND NOTES:

1. The Bronco vehicles from Singapore Technologies Kinetics are just one of a number of Protected Patrol Vehicles that will be bought as part of a BJ700M package of Urgent Operational Requirements recently announced by the Defence Secretary John Hutton.

2. Bronco will be delivered to the UK in 2009 where it will undergo integration work.

3. The Bronco vehicle is currently in service with the Singaporean Armed Forces.

## Defence Industry

## Contracts

## General Dynamics awarded Order for 18 PIRANHA IIIC 8x8 Vehicles from Brazilian Marines



Rio de Janeiro, Brazil – General Dynamics European Land Systems has received a contract from the Brazilian Navy for 18 PIRANHA IIIC 8x8 armored personnel carrier (APC) vehicles for use by the Brazilian Marine Corps.

The newly signed contract calls for vehicles to be manufactured in three amphibious configurations: Armoured Personnel Carrier, Ambulance and Command. This contract is a follow-on order to the 12 vehicles ordered in 2006 and 2007 (11 APCs and 1 Recovery Vehicle). The PIRANHAs will start to be delivered in 2010 and will be used primarily within the framework of international United Nations mission of the Brazilian Marines in Haiti and will be seen in other UN missions in the future.

General Dynamics European Land Systems believes that its products will appeal to many other customers in South America because of those countries' interoperability requirements with NATO and/or UN forces, in light of joint peace keeping operations.

The threat situation in such missions specifically calls for a high level of vehicle crew protection against mines, ballistic weapons and IEDs. With the PIRANHA IIIC 8x8 in worldwide operation, the technology-driven company from Kreuzlingen-Switzerland offers a proven product that fulfils this high-ranking requirement of protection, comfort and mobility.

### The PIRANHA IIIC 8x8 – a well-proven platform

The PIRANHA IIIC amphibious has a length of 7.57 m, a width of 2.71 m, and a GVW of 18.5 t. The vehicle reaches a speed of up to 100 km/h on the road. The PIRANHA IIIC easily manages gradients of up to 60%, fording depths of up to 1.50 m and is able to swim up to a speed of 10 km/h. The 400 HP engine, together with the 7-speed automatic transmission, the modern independent wheel suspension, the tire pressure control system, and the disengageable all-wheel drive, give the PIRANHA IIIC a high degree of mobility even in difficult terrain. Moreover, the protection against ballistic threats and against mines provides the crew with a maximum degree of protection in a mission. The vehicle is equipped with all necessary features (NBC system, autonomous power supply, A/C system, etc.) that are required for the 24-hour operation of the integrated systems.

## General Dynamics Awarded \$217 Million Vehicle Order by Swiss Army



FALLS CHURCH, Va. -- MOWAG GmbH, a unit of General Dynamics European Land Systems, has been awarded an order valued at \$217 million for 244 DURO and Piranha vehicles, to be produced in Kreuzlingen, Switzerland. The vehicles will be delivered between 2010 and 2012.

The order, awarded by armasuisse, the Swiss defense department's procurement organization, is for 220 DURO IIIIP 6x6 wheeled armored personnel vehicles; 12 DURO IIIIP 6x6 wheeled vehicles that will be equipped as Nuclear, Biological and Chemical (NBC) verification vehicles; and 12 Piranha IIIC 8x8 wheeled vehicles that will be equipped as NBC reconnaissance vehicles, with real-time NBC detection capabilities.