

OCCAR orders Aster mid-life refurbishment for France

OCCAR have awarded MBDA through Eurosam a contract for mid-life refurbishment of the French stockpile of Aster.

build tomorrow's explainable AI takes major step forward: Demonssystems

MBDA, the European leader in missiles The governments of France and Germany and missile systems, is acquiring a stake in Numalis in order to strengthen cooperation between the two companies.

Numalis and MBDA join forces to Future Combat Air System (FCAS) trator phase 1A launched

have awarded Dassault Aviation, Airbus, together with their partners MTU Aero Engines, Safran, MBDA and Thales, the initial framework contract (Phase 1A), which launches the demonstrator phase for the Future Combat Air System (FCAS).

January



February



February



MBDA's Sea Venom / ANL missile succeeds in first qualification second test firing firing

successful implementation of the Sea completed its second firing which confir-Venom / ANL programme.

New MARTE ER missile on target in COVID restrictions begin

MBDA is putting full effort into the MBDA's Marte ER anti-ship missile has The safety and security of our staff med the overall design and performance of the missile marking a critical milestone to our customers. in its development path.

remains our number one priority as we continue to deliver on our commitment

February **February** March









Demonstration and

Manufacture MBDA's MMP missile selected to contract placed for Brimstone 3B fulfill the European Beyond-Line-(B3B) capability upgrade programme Of-Sight battlefield engagement capability

MBDA delivers EDG Meteor Missiles to Support F-35 Integration

MBDA received a contract to further deve- MBDA is joining with 13 partners and lop and manufacture additional quantities subcontractors from 5 countries to deveof the Brimstone battlefield missile. This Capability Upgrade Programme adds new software modes to enhance Brimstone's operational capabilities, and provides integration support for new platforms.

lop a new capability based on the MMP missile system that will be unique for mounted and dismounted forces.

MBDA delivered the first Meteor beyond visual range air-to-air missile (BVRAAM) for the F-35 Lightning integration programme.

April

© BAE Systems (RAF)

July



July



have begun trilateral industry discussions to strengthen collaboration between the three nations on Tempest

Seven new companies will collaborate with Team Tempest.

Tempest: UK, Sweden and Italy Contract award for Patriot Upgrade

The NATO Support and Procurement Agency (NSPA) has awarded MBDA Deutschland subsidiary COMLOG to upgrade 170 PAC-2 missiles to the GEM-T version for the German Air Force's PATRIOT weapon system.

MBDA gets international recognition for its management of innovation

MBDA has been accredited as Investor in Innovations Standard by the Institute of and Knowledge Exchange Innovation (IKE Institute) as a recognition of its good practices and adherence to the newly published ISO 56002 Innovation Management System standard.

July July September

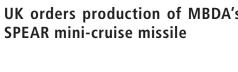




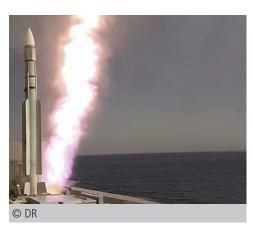


MBDA Italia has had a new Managing Stand-off, network enabled and swar-Director.





ming weapons are a key part of MBDA's vision - SPEAR is leading the way with these technologies and is the most technically advanced weapon of its type.



MBDA launches the new VL MICA NG air defence system

On the occasion of the Euronaval-Online exhibition, MBDA announces the commercial launch of its new VL MICA NG air defence system.

September



from the new French submarine sile for the Tiger helicopter «Suffren»

French Minister of Armed Forces Florence Parly hails the success of the first naval cruise missile launch by the nuclear-powered attack submarine Suffren.

October



Exocet SM39 and MdCN firings MBDA to develop the combat mis-

main French Army air to ground armatest site at Ile du Levant on 17 November. ment for the Tiger combat helicopter.

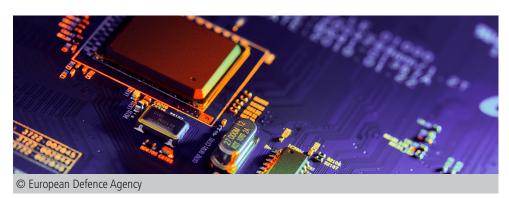
October



MBDA completes qualification firing trials of the Sea Venom / ANL missile

French Minister for the Armed Forces Flo- The Sea Venom/ANL anti-ship missile has rence Parly has announced that MBDA completed its qualification firings trials, is to develop the Future Tactical Air-to- with a successful final firing at the French Surface Missile (MAST-F) program as the Armament General Directorate (DGA)

October November November





MBDA to contribute to the foundations of a European source of Field **Programmable Gate Arrays**

MBDA signed contract for the development of TESEO MK2/E

Early in November, the European Defence Agency (EDA) announced the implementation of EXCEED, the last of the three defence research projects selected under the 2018 call for proposals for the EU Preparatory Action on Defence Research (PADR). EXCEED, which stands for 'trustEd and fleXible system-on-Chip for EuropEan Defence applications', aims to create a European supply chain for a reconfigurable, flexible and trustable programmable system-on-a-chip family.

At the end of November MBDA in Italy signed a contract for the development of the new TESEO MK2/E for the Italian Navy.

November November



First firing of a Medium-Range



MBDA and Rheinmetall win contract for high-energy laser system for **German Navy**

Missile (MMP) from a Sabre special forces vehicle

MBDA has carried out the first firing of an MMP missile from an ARQUUS Sabre special forces vehicle, as part of a firing campaign implemented with the support of the French Army and of the Direction Générale de l'Armement (DGA - French Procurement Agency).

Germany's Federal Office for Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw) has awarded a consortium, or ARGE, consisting of MBDA Deutschland GmbH and Rheinmetall Waffe Munition GmbH a contract to fabricate, integrate and support testing of a laser weapon demonstrator in the maritime environment. The order value is in the low double-digit million euro range.

December