



Confederation of Indian Industry



## Defence Sector Updates

### Policy & Market Updates

#### ANNOUNCEMENTS

##### **Modi Government Likely to Follow-On with Order for 36 More Rafale**

Indian Defence Research Wing · 21 Sep 2019

Indian Air Force (IAF) Technically has been handed over its 1st first Rafale 'RB-001' from France recently and will be officially handed over on 8th next month when Defence minister Rajnath Singh will be in France for the official induction ceremony. recent media reports hint that Modi government already has finalized a deal for 36 more Rafale fighter jet which will be inked in early 2020. India already has invested in the country-specific enhancements and infrastructure to support the aircraft in the country and an additional of 36 Rafale will take the fleet to 72 which will be good enough to meet operational requirements post-Balakot air confrontation with the Pakistani air force . [Read More →](#)

##### **Indian Navy to Get Biggest Dry Dock**

Indian Defence Research Wing · 21 Sep 2019

The Indian Navy has got its biggest dry dock. Located inside the Naval Dockyard in Mumbai, the new dry dock can accommodate aircraft carriers including the huge erstwhile Soviet-origin INS Vikramaditya and the indigenous Vikrant that is being built in Kochi. Construction major Hindustan Construction Company (HCC) has built the dry dock for the Indian Navy. It has taken a little less than a decade's time for the construction to complete, that was full of challenges. [Read More →](#)

##### **France to Hand over 1st Rafale Jet on October 8**

Indian Defence Research Wing · 19 Sep 2019

France will hand over the Indian Air Force its first Rafale fighter jet on October 8, two government officials said. Defence minister Rajnath Singh will travel to Merignac in France along with senior air force officials for the induction ceremony, which will coincide with the IAF Day. The ceremony was supposed to take place on September 19 but it was deferred due to last-minute changes in the programme, said one of the officials cited above. [Read More →](#)

##### **Indian Air Force to Claim Regional Superiority with Scalp and Meteor Missiles**

Indian Defense News · 18 Sep 2019

The Indian Air Force (IAF) is all geared up to induct SCALP and Meteor missiles, that are considered as 'game-changer', for its Rafale fighter aircraft. The two missiles will provide IAF with a definitive edge over other known missile systems in the region. According to Economic Times, the SCALP standoff missile has an effective range of more than 300 km and is capable of hitting high value and strongly protected targets deep inside enemy territory. [Read More →](#)

## IAF May Order 70 Basic Trainers Made by HAL

Indian Defence Research Wing · 18 Sep 2019

The Indian Air Force (IAF) plans to start the official process within three months for the possible purchase of 70 locally produced basic trainers from state-owned aircraft maker Hindustan Aeronautics Limited (HAL), three senior IAF officers said on condition of anonymity. IAF is set to send a request for proposal (RFP) to HAL for the indigenous Hindustan Turbo Trainer-40 (HTT-40) before the end of the year, they added. "The HTT-40 has entered the final stages of rigorous testing. [Read More →](#)

## IAF's Mirage 2000 Jets Unlikely to Get Meteor Missiles, Makers Cite High Integration Cost

Indian Defence Research Wing · 17 Sep 2019

The Indian Air Force's (IAF) plans to arm the Mirage 2000 fleet with potent long-range Meteor missiles has hit rough weather due to high integration cost and lower capability of the fighter jet. The Beyond Visual Range (BVR) missile Meteor — part of the Rafale weapons package — has a range of about 150 km and a no-escape zone of 100 km. Officials at MBDA, the missile's maker, said they had discussed the matter with the IAF and were informed that the deal was "not viable". [Read More →](#)

## Growing Ties: India-US Military Trade Touches \$18 Billion

Indian Defence Research Wing · 16 Sep 2019

The military trade between India and the US is expected to cross \$ 25 billion over the next few years from the existing \$ 18 billion. In fact, the Indian acquisition of high-end military platforms from the US has ensured jobs in the defence companies in that country and the defence relationship between the two countries has now emerged as a major pillar of India-US strategic partnership. [Read More →](#)

### PROJECT UPDATES

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## G. Satheesh Reddy is Targeting a Rapid Effort to Build Next Class of Fighter Jets

Indian Defence Research Wing · 22 Sep 2019

Dr G. Satheesh Reddy has had a fascinating first year in office as chairman of the country's premier defence research agency, the Defence Research and Development Organisation (DRDO). After achieving the final operational clearance (FOC) of the Light Combat Aircraft Tejas, which made the fighter jet 'battleworthy', and successful test of an anti-satellite missile, Reddy is now targeting a rapid, multipronged effort to build the next class of fighter jets. [Read More →](#)

## Uttam Aesa Radar Inching Towards Clearance

Indian Defence Research Wing · 22 Sep 2019

LRDE is racing against time so that UTTAM Aesa Radar is ready for user trials within next one year so that it can be offered to Indian Air Force to be equipped on the 83 upgraded Tejas Mk1A fighter jet contract for which is likely to be inked by end of this year. Delays in the final contract of Tejas Mk1A due to price disagreements with the IAF and MOD has allowed LRDE to pick up pace in the carrying out developmental trials of the Radar so that it can be available to replace ELTA's EL/M-2052 AESA Radar from Israel which has been selected for the Mk1A variant. [Read More →](#)

## HAL Readies New Variant of Tejas Ahead of Maiden Flight

Indian Defence Research Wing · 22 Sep 2019

The first Light Combat Aircraft (LCA) Tejas fighter from the Final Operational Clearance (FOC) block, SP-21, is set for independent and integrated system checks at Hindustan Aeronautics Ltd (HAL)'s LCA-Tejas Division. "In aeronautical parlance, the first fighter in the FOC category is in the equipping stage of the production life cycle. [Read More →](#)

## Small Indian Company Makes Waves Among Navies

Indian Defense News · 22 Sep 2019

The royal Malaysian navy cleared a combat management system that a small, but cutting-edge, Indian electronics company has developed for two of its front-line warships — the British-origin RMN frigates, KD Leiku and KD Jebat. A warship's combat management system (CMS) is the brain of its combat capability. The CMS continuously interacts with all the ship's sensors and weapons — including radar, sonar, missiles, rockets and torpedoes — and assesses the threats that they detect. [Read More →](#)

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## **Mazagon Dock Hands over Second Scorpene Class Submarine 'Khanderi' to Indian Navy**

Indian Defence Research Wing · 20 Sep 2019

The Mazagon Dock Shipbuilders Ltd (MDL) handed over the second Scorpene submarine 'Khanderi' to the Indian Navy, and the naval asset will soon be commissioned, the Defence Ministry said. The third Scorpene 'Karanj' at MDL was started on January 31 last year. It is currently undergoing the rigorous phase of sea trials, while the fourth Scorpene 'Vela' was recently launched in May and is being prepared for sea trials. [Read More →](#)

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## **LCA Tejas to Level up with On-Board Oxygen System by Early 2020, Says DRDO**

Indian Defence Research Wing · 20 Sep 2019

India's Light Combat Aircraft (LCA) Tejas will be graduating to the next level with the installation of the On-board Oxygen (OBOX) generating system by December or early 2020, said a scientist from Defence Electromedical & Bio-Engineering Laboratory (DEBEL), under the Defence Research & Development Organisation (DRDO). [Read More →](#)

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## **Mahindra & Mahindra, Tatas in Fray to Develop ARMY's Combat Vehicle**

Indian Defence Research Wing · 20 Sep 2019

India is planning to fast-track the induction of some 2600 Future Infantry Combat Vehicles (FICV) and a large number of automobile and engineering firms are in the race to grab a slice of the pie. Among those vying for the new \$8 billion market being opened by the Indian army are Mahindra & Mahindra, Tata, DRDO and Reliance Defence and Engineering. [Read More →](#)

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## **MDL Delivers Second Scorpène Submarine to Indian Navy**

Jane's 360 · 20 Sep 2019

India's Mazagon Dock Shipbuilders Limited (MDL) has delivered another licence-built Kalvari (Scorpène)-class diesel-electric submarine (SSK) to the Indian Navy. The vessel, which will be in service as INS Khanderi once commissioned, was handed over on 19 September at a delivery ceremony in Mumbai. Khanderi is the second of six boats ordered under an INR230 billion (USD3.2 billion) contract signed with Naval Group (then known as DCNS) in October 2005 under India's Project 75 submarine programme. [Read More →](#)

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## **European Manufacturer Signs up to Make Missiles in India with BDL**

Defence Aviation Post · 18 Sep 2019

Leading European missile manufacturer MBDA has announced an agreement to assemble and integrate cutting edge missile systems in India with the state owned Bharat Dynamics Limited (BDL), with officials saying that new facilities that will be set up can also be geared for exports to other nations. MBDA, which also makes the entire weapons package for the Rafale fighter jet, has said that the Memorandum of Understanding (MoU) was signed on September 12 in London with Commodore Siddharth Mishra, the Chairman and Managing Director of BDL. [Read More →](#)

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## **IAF Sukhoi SU-30MKI Hits Aerial Target 90 KM Away with Astra Bvr Air-To-Air Missile for the Second Time in Two Days**

Indian Defense News · 18 Sep 2019

While IAF's Su-30MKI is capable of firing the indigenously developed Astra missile, the other combat aircraft in the force's arsenal like the Mirage-2000, Mikoyan Gurevich MiG-29 and Light Combat Aircraft

CA Tejas will also be modified to carry the missile Indian Air Force (IAF) is of the verge of getting an air-to-air missile which can hit a target 90 kilometres away with the successful test-firing of Astra from a Sukhoi Su-30MKI multi-role fighter. [Read More →](#)

## INVESTMENTS

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### **Russia Says Discussing Production of S-400 Missiles in India**

Indian Defense News · 16 Sep 2019

Moscow is holding talks with New Delhi on starting the production of S-400 Air Defence Systems in India, CEO of Russia's Rostec state corporation Sergey Chemezov said. "Yes, we are discussing the localisation of S-400 production with India as well," Mr Chemezov told the RBK broadcaster, adding that India has already acquired the license for the production of the Su-30 fighter jet and the T-90 tank, Sputnik reported. [Read More →](#)

## Global Updates

### **BAE Systems Assembles Team to Support Usaf SMC's Launch Enterprise**

Airforce-technology · 20 Sep 2019

BAE Systems has assembled a team with industry partners to support the US Air Force (USAF) Space and Missile Systems Center's (SMC) Launch Enterprise. The company will assist with the centre's Systems and Engineering and Integration Program. The BAE Systems-led team includes LinQuest, Booz Allen Hamilton, Space Vector, a.i. [Read More →](#)

### **BAE Systems to Perform Simultaneous Repair on Two Us Navy Vessels**

Naval Technology · 20 Sep 2019

BAE Systems has been awarded two US Navy contracts for the modernisation of two Arleigh Burke-class (DDG 51) guided-missile destroyers. The company will perform simultaneous maintenance and repair on Arleigh Burke-class vessels USS Stethem (DDG 63) and USS Decatur (DDG 73) at its San Diego shipyard next month. The synchronised two-ship docking will cover the extended dry-docking selected restricted availability (EDSRA) of the vessels. [Read More →](#)

### **BAE Wins \$318M to Upgrade US Army's M88 Recovery Vehicles to M88A3 Configuration**

Defense World.Net · 19 Sep 2019

The US Army has awarded BAE Systems a \$318 million contract to upgrade M88 recovery vehicles to the M88A3 configuration designed for single-vehicle recovery of the latest version of the Abrams tank. The new M88A3 configuration eliminates the necessity of using two vehicles to raise and move the tanks, which have increased in weight in recent years. [Read More →](#)

### **US Army to Get BAE Systems' M88 Hercules Recovery Vehicles**

Defense World.Net · 19 Sep 2019

BAE Systems was awarded a \$148.3 million modification contract for M88A2 Heavy Equipment Recovery Combat Utility Lift and Evacuation System vehicles. Work will be performed in York, Pennsylvania, with an estimated completion date of May 31, 2022. The M88A2 HERCULES is a self-supportive armoured recovery vehicle that meets the US Army's requirements for a well-equipped recovery vehicle. [Read More →](#)

### **Lockheed Martin Begins Building Two New Weapons Factories**

Jane's 360 · 18 Sep 2019

Lockheed Martin broke ground this month on two new weapons factories in the southern US states of Alabama and Arkansas. The two-building facility in Courtland, Alabama, will assemble, integrate, and test hypersonic strike weapons, a growing focus of the US Department of Defense. Over the next three years, Courtland will gain 72 jobs, while Huntsville, Alabama, will add 200 management and engineering jobs. [Read More →](#)

## **BAE Systems' San Diego Shipyard to Tandem Dry-dock Two Destroyers**

Business Wire · 18 Sep 2019

BAE Systems has received \$170.7 million in contracts from the U.S. Navy to perform simultaneous maintenance and repair on two Arleigh Burke-class (DDG 51) guided-missile destroyers in its San Diego shipyard. Under the awarded contracts, the shipyard will tandem dry-dock the USS Stethem (DDG 63) and USS Decatur (DDG 73) in October. [Read More →](#)

## **BAE Systems Unveils New ACV Configuration: Anti-Tank Missile Carrier**

Defence-Blog · 18 Sep 2019

British multinational defense, security and aerospace company BAE Systems has unveiled new configuration for the Marine Corps' Amphibious Combat Vehicle (ACV) called the Anti-Tank Non-Line-of-Sight. BAE Systems portfolio continues to expand and the company showcased the demonstrator of anti-tank missile carrier during the Modern Day Marine Expo. The demonstrator was fitted with remotely operated weapon station armed with NLOS long-range, electro-optically guided-missile launcher, Javelin anti-tank guided missile, precision-guided munitions and smart sensors. [Read More →](#)

## **Boeing Starts Assembling First KC-46a Tanker for JASDF**

Jane's 360 · 17 Sep 2019

Boeing announced on 17 September that it has begun assembling the first of two KC-46A Pegasus tanker aircraft on order for the Japan Air Self-Defense Force (JASDF), with deliveries expected to begin in 2021. "This is an exciting day for the programme and we look forward to building and delivering these multirole tankers to the Japan Air Self-Defense Force," said Jamie Burgess, Boeing vice president and KC-46 programme manager. [Read More →](#)

## **Technology Updates**

### **Tejas 'iPhone' of Fighter Jets, Say IAF Pilots, HAL**

Indian Defence Research Wing · 21 Sep 2019

The Defence Research and Development Organisation (DRDO) revealed a new invention for the Tejas fighter aircraft, which it said would help keep the aircraft airborne longer. The new invention, according to S P Thomas, technology officer at DRDO's Defence Bioengineering and Electromedical Lab (DEBEL), is an oxygen replenishment system, which, coupled with Tejas' air-refuelling abilities, will vastly increase the time the aircraft can stay airborne. [Read More →](#)

### [About us](#)

#### [Society of Indian Defence Manufacturers](#)

The Society of Indian Defence Manufacturers (SIDM) is a not-for-profit association formed to be the apex body of the Indian defence industry. SIDM plays a proactive role as an advocate, catalyst, and facilitator for the growth and capability building of the defence industry in India.

SIDM's vision is to catalyse the Indian defence industry to effectively contribute to India's national security and become a trustworthy global partner. Our mission is to work closely with the Government towards enabling the growth of the defence industry. Collaborate with experts from the Armed forces, Academia and Defence industry

to optimize the industry's development capabilities. Its values are: India First; One Voice and Self Reliant for Security.

SIDM facilitates growth of Industry through Policy and Progress Advocacy; Indigenization and Innovation; Policy and Market Research; Export Promotion; Emerging Technology and New Opportunities, Education and Skill Development.

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