

### Defence Professionals News & Analysis

March 11,2025 | Day 070

#### **Top Gainers**

Stock	Close	Prev	Change	
BEL	277.18	272.33	+1.78%	
HAL	3459.85	3417.9	+1.23%	
ADANIENT	2250.6	2228.3	+1.0%	
MIDHANI	261.37	259.01	+0.91%	
HBLPOWER	438.15	435.0	+0.72%	

#### **Top Losers**

Stock	Close	Prev	Change
TEMBO	511.8	679.1	-24.64%
BEML	2437.55	2568.75	-5.11%
CFF	450.0	472.7	-4.8%
IDEAFORGE	336.65	349.45	-3.66%
AVANTEL	113.56	117.78	-3.58%

#### **Defense Business and Industry**

#### Mizoram CM Lalduhoma proposes IAF takeover of Lengpui Airport. S SHARE

11-Mar-25

Mizoram Chief Minister Lalduhoma announced the preparation of a draft memorandum of agreement (MoA) to hand over Lengpui Airport to the Indian Air Force (IAF). While the move aims to enhance airport facilities and upgrade the runway, it faces significant opposition from the MNF, Congress, and local organizations like the Young Mizo Association, which argue against the transfer. The government has allocated funds for airport renovations and is planning to expand helicopter services statewide. The ongoing discussions reflect a tension between developmental aspirations and public sentiment, highlighting the need for greater community engagement in such strategic decisions.

#### European Commission's ReArm Plan Boosts Indian Defense Stocks Share

11-Mar-25

The European Commission's ReArm Europe Plan is expected to significantly boost Indian defense stocks, especially for companies like Bharat Electronics (BEL) and Hindustan Aeronautics Limited (HAL), amid increased European defense spending due to rising security threats. Analysts suggest that despite a recent slowdown in defense orders, a surge is anticipated by the financial year's end, with long-term growth prospects improving. Experts highlight that domestic companies have developed strong engineering capabilities, positioning them favorably in both the

domestic and global markets. The collaboration with European firms is likely to enhance the growth outlook for Indian defense manufacturers, making them attractive for long-term investors.

#### India and Brazil to Sign MoU on Scorpene Submarine Maintenance State

11-Mar-25

India and Brazil are set to deepen their defense partnership with an upcoming MoU on Scorpene-class submarine maintenance, enhancing India's self-reliance in naval capabilities. Discussions included cooperation on missile systems like the Akash and BrahMos, with Brazil expressing interest in acquiring these advanced technologies. The collaboration aims to facilitate joint development of military platforms, including potential aircraft and frigates, while Embraer's C-390 is being considered for India's Medium Transport Aircraft requirements. This strategic partnership not only strengthens defense ties but also promotes indigenous manufacturing, aligning with both nations' goals of advancing local defense industries.

### India Invites Russia to Collaborate on AMCA Engine Development S SHARE

11-Mar-25

In a pivotal move for India's Advanced Medium Combat Aircraft (AMCA) program, the Ministry of Defence has invited Russia to participate in engine development discussions, particularly regarding the advanced 177S engine, which boasts superior thrust and fuel efficiency. Concurrently, Air Chief Marshal AP Singh advocated for leveraging foreign vendor collaboration to enhance the AMCA's development, suggesting that the winner of the Multi-Role Fighter Aircraft (MRFA) tender could contribute expertise, particularly in engine design and stealth technology. This strategic integration of foreign

capabilities aims to accelerate India's transition to fifthgeneration fighter technology amidst growing competition from adversaries like China. The collaboration not only supports the AMCA's ambitious goals but also strengthens India's indigenous defense manufacturing capabilities by involving private sector firms in future production processes.

### India to Launch SPV for Regional Aircraft Manufacturing in 5 Years State

11-Mar-25

The Indian government is advancing its aerospace capabilities by establishing a Special Purpose Vehicle (SPV) aimed at manufacturing regional transport aircraft within five years, as stated by Civil Aviation Minister K Rammohan Naidu. This initiative, part of the Make in India program, seeks to enhance domestic aircraft manufacturing and component production, addressing the growing domestic aviation market which has over 1,500 aircraft orders. The project includes the development of the indigenous 19-seater Light Transport Aircraft Saras Mk2, in collaboration with HAL, emphasizing the integration of advanced technologies and materials. The government's holistic approach will bolster the aviation sector and create a robust ecosystem for manufacturing.

#### China's EUV Lithography Machines Enter Trial Production by 2025 SHARE

11-Mar-25

China's SMIC is progressing towards developing indigenous EUV lithography machines, with trial production anticipated in Q3 2025, potentially reducing reliance on foreign technology. Despite successfully creating a 5nm chip using DUV lithography, SMIC struggles with high costs and low yields, impacting commercial viability. The new LDP-based EUV system promises cost efficiency, but its performance and scalability remain uncertain. Success in this venture could enhance China's semiconductor independence and challenge U.S. export controls, yet significant technical and economic hurdles persist. This situation underscores the critical nature of technological self-sufficiency in global semiconductor markets, especially amidst geopolitical tensions.

### Enhancing India's Air Defense: Russia's Viking and TOR-M2U Systems Start

11-Mar-25

Russia's Viking and TOR-M2U systems could significantly enhance India's air defense network by providing a multi-layered defense strategy against aerial threats. The TOR-M2U, designed for short-range engagements, effectively counters low-altitude threats like precision-guided munitions, while the BuK-M3 integrated with the S-400 would bolster long-range capabilities. This collaboration aligns with India's ambitions to strengthen its defense infrastructure and foster local manufacturing through initiatives like 'Make in India'. Russia's commitment to joint production and technology transfer offers India a cost-effective, advanced solution, reinforcing its strategic position in the region and enhancing overall national security.

#### Sisir Radar Launches Revolutionary Handheld Ground Penetrating

Radar 🕲 SHARE

11-Mar-25

Sisir Radar has launched the LMD-GPRXI-INDRA, a groundbreaking handheld Ground Penetrating Radar (GPR) system that enhances subsurface detection capabilities across various sectors, particularly defense and infrastructure. Operating at frequencies of 1.5 to 3 GHz, it offers high-resolution imaging with real-time 2D/ 3D visualization and advanced clutter suppression, making it ideal for identifying threats like IEDs and assessing structural integrity. Weighing under 4 kg, its portability ensures ease of use in challenging environments. This innovation promises to significantly improve operational efficiency and safety for military personnel and civil engineers alike, reinforcing India's position in advanced defense technology infrastructure management.

#### India Cuts Arms Imports, Moves Towards Self-Reliance and Diversification Share

11-Mar-25

India remains the world's second-largest arms importer, though its imports have declined by 9.3% from 2015-2019 to 2020-2024, as highlighted in the SIPRI report. This shift indicates a strategic move towards self-reliance and diversification away from traditional suppliers, particularly Russia, whose share of India's arms imports dropped from 55% to 36%. Geopolitical tensions with China and Pakistan continue to drive India's defense needs, yet delays and a push for indigenous production under the Make in India initiative are reshaping its procurement landscape. The emerging partnerships with Western nations enhance India's access to advanced technologies, further supporting its military modernization objectives.

#### VEM Technologies Launches Enhanced Vismai MANPADs for India S SHARE

11-Mar-25

VEM Technologies has unveiled an upgraded version of its Vismai Man-Portable Air Defense System (MANPAD) and introduced a new variant, the Vismai-BR, enhancing India's indigenous air defense capabilities. Both systems feature advanced guidance technologies, with the Vismai-R utilizing Imaging Infrared and Ultraviolet guidance, and the Vismai-BR employing a Laser Beam Rider system. With a range of 6,500 meters and designed for portability, these MANPADs are essential for Indian infantry and special forces, ensuring effective responses to low-flying aerial threats. The introduction of these advanced systems signifies VEM Technologies' commitment to strengthening India's defense architecture and responding to evolving military needs.

### MBDA Seeks India Collaboration for Next-Gen ASRAAM Development Share

11-Mar-25

MBDA has proposed co-developing the next-generation Advanced Short Range Air-to-Air Missile (ASRAAM) with India, coinciding with the establishment of a local assembly facility by Bharat Dynamics Limited. Currently, the Indian Air Force (IAF) has only ordered a limited number of ASRAAMs, primarily for the Jaguar fleet, with integration efforts underway for the Tejas Mk1A and future MkII variants. The recent Block 6 standard brings significant upgrades, including a shift from U.S. components to British ones, enhancing export capabilities. The collaboration with MBDA may lead to advanced missile enhancements tailored to IAF's evolving requirements, fortifying India's air combat strategies.

#### Belgium's John Cockerill to Supply 700 Turrets for India's Zorawar Tank Share

11-Mar-25

Belgium's John Cockerill Defence has partnered with India's Electro Pneumatics and Hydraulics to manufacture the Cockerill 3105 turret, featuring a NATO-standard 105 mm HP Gun, for the Indian Army's Zorawar Light Tank program. This collaboration, under a 60:40 joint venture, aims to produce 700 turrets to enhance India's defense capabilities against threats like China's ZTQ-15 tanks. Initially, 350 tanks will be inducted, with production set to begin by 2027 at the Chakan facility in Pune. This venture not only supports India's Make in India initiative but also positions the

country as a potential player in the global defense market, strengthening Indo-Belgian ties.

### Indian Navy Pursues Deck-Based AWACS for Future Carriers S SHARE

11-Mar-25

The Indian Navy is advancing its maritime capabilities by exploring the integration of deck-based Airborne Warning and Control System (AWACS) aircraft into future aircraft carriers, aligned with its Vision 2047 strategy amid increasing regional threats, particularly from China. Current reliance on the Kamov Ka-31 helicopter poses limitations, prompting interest in options like the Northrop Grumman E-2D Hawkeye, known for its extensive radar capabilities, and the Bell-Boeing V-22 Osprey, offering flexibility for different carrier configurations. The success of this initiative hinges on the design of the planned third carrier, which could significantly enhance operational range and situational awareness, reflecting India's commitment to self-reliance and modernization in defense.

#### Solar Industries Launches Dual-Mode Bhargavastra CUAS for Enhanced Drone Defense Share

11-Mar-25

Solar Industries has launched the Bhargavastra Counter Unmanned Aerial System (CUAS), featuring dual-mode capabilities with both guided micro-missiles and unguided rockets, significantly enhancing India's indigenous counter-drone technology. This system aims to address the increasing threat of drones in modern warfare, offering a cost-effective and flexible solution that aligns with the Aatmanirbhar Bharat initiative. The guided micro-missiles can neutralize UAVs at ranges exceeding 6 kilometers, while the unguided rockets provide rapid response for saturating threats. This innovation underscores commitment to self-reliance in defense, adapting to evolving aerial challenges while ensuring operational flexibility for the Armed Forces across diverse terrains.

#### DRDO Reveals K-4 SLBM's Advanced Underwater Travel Mechanism S SHARE

11-Mar-25

India's Defence Research and Development Organisation (DRDO) has unveiled the underwater travel mechanism of the K-4 Submarine-Launched Ballistic Missile (SLBM), enhancing India's sea-based nuclear deterrent capabilities. The K-4, featuring a unique breakaway nose cap akin to the BrahMos missile, allows for superior maneuverability and reduced

detection during launch. With a range of 3,500-4,000 kilometers and the ability to carry nuclear warheads with high precision, the K-4 stands out against American and Chinese SLBMs, providing India with a strategic advantage in countering missile defense systems. This innovative design reflects India's commitment to developing advanced defense technologies tailored to its strategic needs.

## ADA Develops New Drop Tanks for Tejas Mk2, Boosting Range and Capability Share

11-Mar-25

The Aeronautical Development Agency (ADA) has begun developing new drop tanks for the Tejas Mk2, enhancing its operational capabilities with a total increased fuel capacity of 4,700 litres. Two types of tanks—a 1700-litre tank for the wings and a 1300-litre tank for the fuselage—will allow for longer missions and improved maneuverability during combat. This upgrade underscores India's commitment to advancing its defense technology and expanding the operational range of its indigenous aircraft. Overall, the Tejas Mk2's enhancements not only bolster India's strategic defense posture but also reflect its growing self-reliance in military capabilities.

#### DRDO Develops Self-Propelled Air Defence System for Indian Army Share

11-Mar-25

The Defence Research and Development Organisation (DRDO) is developing a Self-Propelled Air Defence Gun Missile System (ADGM-SP) for the Indian Army, utilizing the Zorawar tank chassis. This system features twin 30mm guns and the Very Short-Range Air Defence System (VSHORADS) to counter aerial threats, particularly in high-altitude regions. Leveraging existing technologies ensures cost-effectiveness and aligns with the "Atmanirbhar Bharat" initiative. If approved, a prototype could be ready within 18 months, although full-scale production may extend to 2029 due to necessary trials. Ultimately, the ADGM-SP represents a significant advancement in India's air enhancing the safety of mechanized units against evolving aerial threats.

### Russia Proposes Local S-400 Production to Address Delivery Delays SHARE

11-Mar-25

Russia has proposed a transfer of technology (ToT) to India for the S-400 air defence system amidst delays in delivery of the final two squadrons. This initiative aims to support India's "Make in India" initiative by allowing domestic production of S-400 components, thereby enhancing air defence capabilities. While three squadrons are operational along India's borders, the geopolitical challenges stemming from the Ukraine conflict may affect the sourcing of materials. Simultaneously, India is advancing Project Kusha, an indigenous long-range air defence system, which aims to reduce reliance on foreign systems and integrate with existing air defence architecture by 2028-29.

#### Kalyani Targets 350+ Artillery Guns Annually, Eyes US, EU Exports Share

11-Mar-25

Kalyani Strategic Systems Ltd. (KSSL), a subsidiary of Bharat Forge, is set to produce over 350 artillery guns annually, aiming to enhance its presence in international markets, including the U.S. and Europe. Recent successes in exporting nearly 100 guns and a partnership with U.S. defense contractor AM General KSSL's capabilities. demonstrate However. company awaits a significant order from the Indian Army for its Advanced Towed Artillery Gun System (ATAGS), despite meeting all operational requirements. The slow pace of artillery inductions post-Galwan highlights the need for prioritizing indigenous systems, which align with India's "Atmanirbhar Bharat" initiative and address current defense needs effectively.

#### **Defense Policy and Budgeting**

#### General Chauhan Calls for Comprehensive Strategy Against Drones Strategy Against Drones

11-Mar-25

General Anil Chauhan, the Chief of Defence Staff, emphasized the urgent need for a comprehensive counter-Unmanned Aerial System (UAS) strategy during a seminar in New Delhi. He highlighted the transformative role drones play in modern warfare, advocating for a unified terminology and doctrinal clarity in UAS classifications. Gen Chauhan stressed the importance of synergy among users, designers, and manufacturers to ensure India's self-reliance in defense under the Aatmanirbhar Bharat initiative. The discussions underscored India's advancements in drone warfare technologies and the necessity of developing holistic systems to counter the disruptive potential of UAS, thereby reinforcing national security.

### Govt Unveils Comprehensive Strategy for National Security Enhancement Strategy

11-Mar-25

Union Minister of State for Home Affairs Nityanand Rai announced a comprehensive strategy to enhance national security and law enforcement in India. The initiatives focus on making Jammu and Kashmir terrorfree, integrating insurgent groups into peace processes, and modernizing police forces with advanced technologies. Key measures also include deploying mobile forensic labs, enhancing cybercrime infrastructure, and improving border security with technological upgrades like drones and surveillance systems. This multi-faceted approach underscores the government's commitment to strengthening internal security and ensuring effective governance across the nation, reflecting a proactive stance against emerging threats.

### Indian Army Moves to Limit Chinese Parts in Military Drones S SHARE

11-Mar-25

The Indian Army is finalizing a framework to restrict Chinese components in military drones, prompted by concerns over national security following identification of such components in domestically purchased drones. Major General C.S. Mann emphasized the urgent need for indigenization in drone manufacturing, highlighting that reliance on foreign components creates significant vulnerabilities. The Army aims to develop unmanned systems integrated with soldiers and establish drone labs at various military formations. With the drone industry's expected growth, this initiative not only addresses security concerns but also fosters self-reliance, positioning India to enhance its military capabilities while ensuring data integrity and operational security.

### Parliamentary panel warns of budget cuts hindering CAPFs' growth S SHARE

11-Mar-25

A Parliamentary panel has reported that the Ministry of Home Affairs' budget for 2025-26 has been reduced from Rs 1,84,236.94 crore to Rs 1,60,391.06 crore, a 12.94% decline, impacting vital allocations for the Central Armed Police Forces (CAPFs) like CRPF and BSF. The panel expressed concern that these budget cuts could hinder modernization and developmental projects, particularly in border areas, and urged the Ministry to seek increased allocations. Furthermore, a shortfall in funding for the National Disaster Response Force (NDRF) was highlighted, underscoring the need

for adequate resources to meet rising demands in disaster management. The reductions could adversely affect crucial infrastructure and security initiatives across the country.

#### EU's von der Leyen urges €800 billion defense boost amid threats Share

11-Mar-25

EU chief Ursula von der Leyen has called for a substantial increase in European defense spending amid concerns over an aggressive Russia and diminishing US support. Addressing the EU parliament, she emphasized the need for Europe to take greater responsibility for its own defense, proposing a mobilization of €800 billion to enhance strategic capabilities and support the European defense industry. The initiative includes loans for member states aimed at joint procurement and restoring deterrence against threats like Russia, which outspends Europe on military capabilities. This strategic pivot reflects a growing recognition that Europe must bolster its military presence independently of the US.

### Germany's Military Faces Decline Amid Funding Debates S SHARE

11-Mar-25

Germany's military faces challenges as it ages and shrinks, with personnel numbers dropping to 181,200 in 2024, despite efforts to increase recruitment post-Ukraine invasion. The Bundeswehr's target of 200,000 personnel has been postponed to 2031, and although Germany has met NATO's 2% GDP defense spending goal, a significant portion of a 100-billion-euro special fund has already been utilized. The parliament is debating changes to borrowing rules to revamp military capabilities, amid concerns over inadequate equipment and infrastructure. This situation underscores the struggle of European nations, including Germany, to bolster their defense forces in a rapidly evolving geopolitical landscape.

#### China Boosts Defense Budget Amid Rising Geopolitical Tensions S SHARE

11-Mar-25

China's defense expenditure continues to rise, reflecting its commitment to modernizing military capabilities amidst geopolitical tensions, particularly with the U.S. and in the Taiwan Strait. This budget increase underscores China's strategic focus on enhancing military presence and technological advancements, including new-domain forces and improved logistics. Despite concerns over unreported spending, the

Chinese government justifies these expenditures as essential for national sovereignty and global stability. Under President Xi Jinping, defense spending has more than doubled since 2013, highlighting China's ambitions to assert territorial claims and counter U.S. influence in the Asia-Pacific, compelling neighboring countries like Taiwan to enhance their military budgets in response.

#### CDS Advocates Unified Strategy to Combat Drone Threats S SHARE

11-Mar-25

The Indian military is enhancing its anti-drone capabilities by integrating advanced technologies like pre-fragmented ammunition and Integrated Drone Detection Systems, while also preparing to implement a National Counter Rogue Drone Policy. This policy aims to address gaps in current systems with mandatory drone registration and air traffic monitoring to prevent espionage and attacks. The Chief of Defence Staff emphasizes the need for a unified strategy that encompasses military, civilian, and regulatory aspects to counter evolving drone threats, aligning with India's goal of becoming a leader in drone manufacturing by 2030. Overall, these measures reflect a proactive and comprehensive approach to mitigate risks associated with drone proliferation.

#### **Geopolitics and Security Alliances**

#### PM Modi's Mauritius Visit: Strengthening Ties in the Indian Ocean Share

11-Mar-25

Prime Minister Narendra Modi's two-day visit to Mauritius, marking his first since 2015, aims to strengthen bilateral ties, underscored by historical, cultural, and familial connections. Welcomed by 34 ministers and over 200 dignitaries at the airport, Modi emphasized that Mauritius is not just a partner but family, reflecting deep-rooted ties formed during colonial times. The visit coincides with Mauritius' National Day celebrations and includes discussions on strategic cooperation, specifically regarding the Chagos Islands. Modi's address invoked shared heritage, and he hiahliahted India's commitment to Mauritius' development, including the launch of India-funded projects, reaffirming India's role as a supportive partner in times of crisis and prosperity. This visit is a pivotal step in enhancing India's influence in the Indian Ocean region and solidifying its partnerships with key allies.

### US Intelligence Chief Tulsi Gabbard to Strengthen Ties in India SHARE

11-Mar-25

US Director of National Intelligence Tulsi Gabbard is on a multi-nation trip to the Indo-Pacific, including India, aimed at strengthening relationships and communication to support US President Trump's goals of peace and prosperity. This marks the first visit by a senior White House official to India under the Trump administration, following PM Narendra Modi's visit to the US in February. During that meeting, both leaders emphasized the importance of the India-US friendship. Gabbard's visit signifies growing diplomatic ties and the strategic partnership between India and the US, which is crucial for regional stability in the Indo-Pacific.

#### Ukraine to Propose Limited Ceasefire in U.S. Talks in Saudi Arabia Share

11-Mar-25

A Ukrainian delegation is set to propose a limited ceasefire during talks with U.S. officials in Saudi Arabia, focusing on the Black Sea and long-range missile strikes, while also discussing access to Ukraine's rare earth minerals. The meeting aims to restore military aid halted by the U.S. amid ongoing peace negotiations, with skepticism from Europe about the talks due to perceived sidelining. U.S. officials emphasize that intelligence-sharing remains limited to defensive purposes, with the U.S. eager to assess Ukraine's willingness for concessions. This diplomatic engagement underscores the complexities of ending the war while balancing geopolitical interests, particularly in the face of evolving U.S. foreign policies.

### India and Armenia Strengthen Defense Ties and Connectivity via Iran S SHARE

11-Mar-25

India and Armenia are enhancing their defense ties, particularly in the wake of Armenia's increased reliance on India for military support following the 2020 Nagorno-Karabakh war. During Armenian Foreign Minister Ararat Mirzoyan's visit to India, he and External Affairs Minister S. Jaishankar discussed expanding defense trade, with India becoming Armenia's largest arms supplier, providing advanced systems like Pinaka rocket launchers and Akash-1S air defense systems. They also focused on connectivity initiatives via Iran, including the International North-South Transport Corridor and Chabahar Port, which aim to strengthen trade routes while countering Turkish and Pakistani influence. The signing of two Memoranda of Understanding further solidified their partnership,

signaling a commitment to deepen cooperation across various sectors, including technology and culture, reflecting a shared vision for a robust bilateral relationship based on historical ties and democratic values.

### India Commits to Afghanistan's Stability Through Humanitarian Aid S SHARE

11-Mar-25

India reaffirmed its commitment to Afghanistan's stability during a UN Security Council meeting, highlighting ongoing humanitarian assistance and a potential expansion into development projects. India's Permanent Representative emphasized a historic people-to-people relationship and active engagement in regional stability efforts. Since 2021, India has provided substantial aid, including food and medical supplies, while also seeking to strengthen ties through sports and the use of the Chabahar port for trade. The Afghan side expressed appreciation for India's support, indicating a mutual understanding of each nation's security concerns, reinforcing India's role as a crucial partner in Afghanistan's future.

## China's Brahmaputra dam sparks environmental and geopolitical alarms.

11-Mar-25

China's ambitious plan to construct the world's largest hydropower dam on the Yarlung Tsangpo River, which flows into India as the Brahmaputra, raises significant environmental and geopolitical concerns for India and Bangladesh. The dam's potential to disrupt natural flow may adversely impact agricultural productivity and biodiversity in the downstream regions, including critical ecosystems in the Eastern Himalayas. India's own hydropower projects could face reduced water supplies due to China's activities, highlighting the urgency for a formal water-sharing treaty. This situation underscores the need for transboundary cooperation and real-time data sharing to ensure ecological balance and safeguard the interests of lower riparian states.

#### India-Mauritius Partnership: A Key to Indian Ocean Stability S SHARE

11-Mar-25

India's Prime Minister Narendra Modi's visit to Mauritius underscores the deepening strategic relationship between the two nations, particularly in the context of increasing geopolitical competition in the Indian Ocean. The agreement between Mauritius and the UK regarding the Chagos archipelago reaffirms Mauritius's

sovereignty and aligns with international law, enhancing India's regional security against China's expansion. India's investment in logistics infrastructure on Agalega Island further emphasizes its commitment to supporting Mauritius and maintaining a balance of power in the region. This partnership, rooted in mutual respect and strategic autonomy, positions India as a reliable ally while countering external influences in the Indian Ocean.

#### Geopolitical Tensions and Protectionism Disrupt Supply Chains by 2025 SHARE

11-Mar-25

The recent Marsh Political Risk Report 2025 highlights growing geopolitical tensions and protectionist trade strategies that pose significant risks to global supply chains. As major trading relationships deteriorate, countries relying on connector nations like Vietnam and Mexico may face increased disruptions due to potential trade barriers. The report emphasizes the need for organizations to reassess their supply chain strategies in light of these dynamics, particularly concerning China and the US. This complex environment, compounded by climate compliance challenges, necessitates that businesses enhance their risk assessment and mitigation capabilities to harness emerging opportunities amid uncertainty, ultimately fostering resilience in their operations.

#### Potential Coup in Bangladesh Army: Who Will Replace Zaman? SHARE

11-Mar-25

Recent reports suggest a potential upheaval within the Bangladesh Army, with Lieutenant General Faizur Rahman allegedly attempting to replace Army Chief Waker-Uz-Zaman. Rahman, who is under surveillance by military intelligence, has garnered limited support from senior officers for his bid, highlighting the political instability in Bangladesh. The situation is tense, with multiple generals reportedly involved in the conspiracy against General Zaman, raising concerns about potential turmoil in Dhaka. Such instability in Bangladesh could neighboring have implications for India's security and regional dynamics, emphasizing the need for vigilance in monitoring developments.

### China, Iran, and Russia Conduct Naval Drills Amid Rising Tensions S SHARE

11-Mar-25

China, Iran, and Russia conducted joint naval drills in the Gulf of Oman, signaling their collaboration amid rising tensions related to Iran's nuclear ambitions and threats from Yemen's Houthi rebels. The joint exercises, part of the Maritime Security Belt 2025, emphasize the strategic partnership between these particularly as Iran faces scrutiny over its nuclear program and military capabilities. This display of naval power contrasts with the dominance of the US Navy in the region, highlighting a shifting geopolitical landscape. India's defense strategy must prioritize monitoring these developments, ensuring readiness to counteract any destabilizing actions that could impact regional security and energy supplies.

#### U.S. warns against travel near India-Pakistan border citing risks S SHARE

11-Mar-25

The U.S. has issued a Level 4 travel advisory against visiting the India-Pakistan border and the provinces of Balochistan and Khyber Pakhtunkhwa due to ongoing terrorism and the potential for armed conflict. The advisory highlights the prevalence of violent extremist groups in these regions that pose risks to civilians and foreign nationals, including U.S. diplomats. It underscores the volatile security environment in Pakistan, particularly in areas with active militant operations. This advisory reinforces India's strategic position by showcasing the external recognition of risks posed by terrorism in neighboring regions, further emphasizing the importance of India's robust security measures along its borders.

#### **Military Operations**

### Ukraine Launches Major Drone Assault on Moscow, Shaking Civilians Share

11-Mar-25

Ukraine launched its largest drone attack on Moscow, striking residential areas and causing casualties, which has brought the conflict's realities closer to Russian citizens who previously felt distanced from the war. The attacks, involving over 300 drones, aim to pressure President Vladimir Putin into considering a ceasefire, although Moscow has rejected such proposals. Eyewitness accounts reveal fear and disbelief among residents as the war's consequences become tangible, contrasting with the ongoing military operations that have primarily targeted Ukraine. This escalation highlights the shifting dynamics of the conflict, with Ukraine attempting to leverage its military capabilities to alter the discourse around peace negotiations. The response from Russian authorities emphasizes their

narrative of a defensive stance, despite acknowledging the devastating impact of the recent strikes on civilian life

#### Mizoram CM: Foreigners Crossing to Myanmar for Military Training S SHARE

11-Mar-25

Mizoram Chief Minister Lalduhoma has acknowledged the state government's support for the reimposition of the Protected Area Permit (PAP) amid security concerns over foreigners using Mizoram as a transit route to Myanmar. He highlighted that about 2,000 foreigners visited Mizoram last year, many allegedly crossing the border to provide military training. This prompted the Ministry of Home Affairs to reinstate restrictions, including a new protocol that limits cross-border movement and establishes border passes. Lalduhoma emphasized the necessity of regulating movement to combat issues such as smuggling and crimes, aligning state interests with national security objectives in a sensitive geopolitical landscape.

#### India to Build Strategic Road in Gulmarg for Army Connectivity Share

11-Mar-25

The Indian government is set to construct a 44-km road through the Gulmarg Wildlife Sanctuary in Jammu and Kashmir, connecting two critical Army border posts on the Line of Control (LoC) at a cost of Rs 288 crore. This project, initiated by the Border Roads Organisation, aims to enhance troop mobility and logistical support in a strategically important area, overcoming the challenges posed by difficult mountainous terrain. While the road's construction necessitates clearance from the wildlife sanctuary, it is essential for improving communication and safety for armed forces deployed this sensitive region, underscoring India's commitment to bolstering its border infrastructure.

#### Operation Lal Dora: India's Historic Military Readiness in Mauritius Share

11-Mar-25

Prime Minister Narendra Modi's recent visit to Mauritius aims to strengthen ties with the island nation, a close maritime neighbor and key partner in the Indian Ocean. This visit echoes historical ties, including the 1983 Operation Lal Dora, where India was poised to intervene militarily to prevent a coup. Under Prime Minister Indira Gandhi, military support was prepared, but the plan was ultimately abandoned in favor of diplomatic efforts that successfully ensured the election of the pro-India MSM party. The operation underscores India's commitment

to regional stability and its proactive approach in safeguarding its interests in the Indian Ocean.

#### **Terrorism and Counterterrorism**

#### Six Persons Get Life for Terror Arms Supply Share

11-Mar-25

Six people were sentenced to life imprisonment by a National Investigation Agency (NIA) court in Mohali for supplying arms and explosives to Khalistani terrorists, linked to Pakistan. These individuals were involved in smuggling weapons using drones, aiming to instigate terror in Punjab and undermine India's security. The convicted were found guilty of coordinating the transport of arms, explosives, and fake currency, with direct ties to designated terrorists based in Pakistan and Germany. This case underscores the persistent threat posed by separatist movements and highlights the Indian government's commitment to counterterrorism efforts and national security.

## Manipur: Two minors rescued from militants; seven extremists arrested S SHARE

11-Mar-25

In Manipur, two minor girls were rescued after being allegedly recruited by the militant outfit People's Liberation Army (PLA), with two active cadres arrested during a police operation. Additionally, five more militants from various outfits were apprehended, and a joint operation by the Army and Assam Rifles dismantled a camp of the United Kuki National Army (UKNA). Simultaneously, an indefinite shutdown in Kuki-Zo areas disrupted normalcy, driven by tribal leaders' protests against resumed bus services and police actions. This situation highlights ongoing tensions in Manipur, with the state authorities striving to restore order and counter militant activities while addressing local grievances.

#### Cybersecurity and Information Warfare

### Cyberattack Disrupts X; Dark Storm Claims Responsibility Share

11-Mar-25

A significant cyberattack caused widespread outages on X (formerly Twitter), affecting thousands of users

globally. Elon Musk indicated that the attack was likely orchestrated by a coordinated group or potentially a nation-state, with IP addresses traced back to the Ukraine area, though cybersecurity experts cautioned against jumping to conclusions about the attack's origins. Despite the disruption, U.S. officials have yet to determine the specific perpetrators behind the incident, emphasizing the seriousness with which cyberattacks against American companies are treated. Musk's involvement in government efficiency initiatives has drawn public backlash, affecting Tesla's stock, which plummeted by 14% following the attacks. This incident highlights the increasing vulnerabilities of digital platforms amidst geopolitical tensions underscores the need for robust cybersecurity measures to protect critical infrastructure.

#### Mil Personnel & Veterans

#### Army Chief Gen Dwivedi Inspires Indore Youth on Defense Future Share

11-Mar-25

Indian Army Chief General Upendra Dwivedi engaged with students at Softvision College in Indore, emphasizing military-civil collaboration as essential for achieving a self-reliant and globally influential India by 2047. He underscored the evolving nature of warfare, drawing parallels to the Russia-Ukraine conflict, and highlighted that national security involves every citizen. General Dwivedi advocated for youth engagement in defense innovation and leadership, outlining the Army's 'Decade of Transformation' aimed at modernization and adaptability. He encouraged students to embrace critical thinking and creativity, framing education as vital for personal and national growth. His vision articulates the pivotal role of India's youth in shaping a secure, prosperous future, reinforcing the Army's commitment to societal welfare alongside defense capabilities.

#### Indian Army Hosts Blood Donation Camp in Doda, Jammu and Kashmir S SHARE

11-Mar-25

The Indian Army's 10 Rashtriya Rifles unit organized a blood donation camp in Doda, Jammu and Kashmir, emphasizing the critical need for blood supplies in emergencies. Senior lab technician Kuldeep Kumar highlighted the camp's role in providing immediate medical assistance, particularly during accidents, as part of the Army's broader humanitarian efforts, including 'Operation Sadbhavna', which delivers

essential healthcare to remote villages. Local residents expressed gratitude for the Army's support, particularly during harsh winters, while the troops also conduct security operations in the region. This initiative underscores the Indian Army's commitment to community welfare and regional stability amid ongoing security challenges.

#### <u>Miscellaneous</u>

### RSS Revives Bharat vs India Debate: Embracing Traditional Identity Share

11-Mar-25

The recent statements by RSS General Secretary Dattatreya Hosabale have sparked a renewed debate over the name of the country, advocating for 'Bharat' over 'India' in official contexts. Hosabale questioned the constitutional usage of 'India' and called for a rectification to align with the linguistic heritage reflected in various Indian languages. In response, Jammu and Kashmir Chief Minister Omar Abdullah emphasized the nation's identity diversity, affirming that citizens can use any of the names-Bharat, India, or Hindustan-proudly. Abdullah also highlighted the importance of recognizing institutions like the Indian Air Force while underscoring India's role as a nation focused on global welfare. This discussion reflects a deeper cultural sentiment within the RSS about reclaiming India's traditional identity, advocating for 'Bharat' to be recognized prominently in both national and international contexts.

#### Indian Army Hosts Free Medical Camps in Remote Jammu Villages SHARE

11-Mar-25

The Indian Army recently organized two significant medical camps in Jammu and Kashmir, demonstrating its commitment to community welfare. In Akhnoor's Dagir village, the Army collaborated with government doctors to provide free medical consultations, health check-ups, and specialized lectures on women's health, benefiting over 200 patients. Meanwhile, in Mandal, the Army conducted a medical and veterinary camp, addressing both human health and livestock well-being, serving over 300 residents with consultations from specialists, including cardiologists and veterinarians. These initiatives not only deliver essential healthcare to remote communities but also reinforce trust and cooperation between the Army and local populations, emphasizing the Army's role beyond defense as a pillar of support and development in border regions.

#### India Successfully Repatriates 283 Nationals Trapped in Myanmar

Scams SHARE

11-Mar-25

India successfully repatriated 283 nationals from Myanmar who were trapped in cyber scam centres, with the operation coordinated by the Indian embassies in Myanmar and Thailand, and supported by local authorities. The individuals were lured with fake job offers and forced to engage in fraudulent activities along the Myanmar-Thailand border, with the Indian Air Force facilitating their return. Since July 2024, over 526 Indians have been rescued from similar situations, underscoring the Indian government's commitment to tackling such scams. The Ministry of External Affairs has repeatedly issued advisories urging citizens to verify job offers through official channels and check the credentials of recruiters before accepting employment abroad. This situation highlights the need for greater awareness among Indian nationals regarding the risks posed by unverified foreign job opportunities, emphasizing the importance of due diligence in an increasingly interconnected global job market.

#### Assam to Launch ASSAMSAT Satellite for Development and Security Share

11-Mar-25

Assam's government is set to launch its own satellite, ASSAMSAT, aimed at enhancing socio-economic projects and improving surveillance, particularly for border security and disaster management. Announced during the 2025-26 budget presentation by Finance Minister Ajanta Neog, the initiative is a collaboration with ISRO and IN-SPACe, reflecting India's commitment leveraging space technology for development. The satellite will not only assist in agriculture and weather forecasting but also engage students in space technology through experimental satellite projects. This effort underscores Assam's proactive approach to governance and aligns with India's broader space ambitions, reinforcing the importance of integrating technological advancements into local solutions and promoting public-private partnerships in the space sector.

#### RSS Leader: India's Rise Aims to Support, Not Dominate Share

11-Mar-25

RSS General Secretary Dattatreya Hosabale emphasized India's commitment to global welfare, stating that the nation aims to rise not to dominate but to support other countries. He criticized the lingering

effects of colonial mentality, particularly the enduring superiority of English culture instilled during British rule. Hosabale advocated for the exclusive use of "Bharat" instead of "India" in official contexts, highlighting a need for cultural reaffirmation. This call reflects a broader sentiment of national pride and a desire for India to assert its identity on the global stage, aligning with the country's strategic objectives in fostering international cooperation and goodwill.

### Indian Naval Contingent Braves Rain for Mauritius National Day SHARE

11-Mar-25

The Indian Naval Contingent is participating in full dress rehearsals for Mauritius National celebrations amid heavy rains, showcasing India's commitment to its maritime neighbor. The INS Imphal, a Project 15B indigenous destroyer, has arrived in Port Louis for this event and will engage in various bilateral activities, including naval exercises and cultural programs, from March 10-14. Prime Minister Narendra Modi's attendance emphasizes the robust diplomatic and strategic ties between India and Mauritius, aligned with India's 'Neighbourhood First' policy. This visit not only reinforces maritime security cooperation but also strengthens socio-cultural connections, India's dedication to stability in the Indian Ocean Region.

#### Mauritius Awards PM Modi Its Highest Civilian Honor During Visit Share

11-Mar-25

Mauritius has conferred its highest civilian award, The Grand Commander of the Order of the Star and Key of the Indian Ocean (GCSK), to Indian Prime Minister Narendra Modi during his visit to the country, making him the first Indian to receive this honor. This accolade, the 21st international recognition for PM Modi, underscores the strong diplomatic and cultural ties between India and Mauritius. Amidst the celebrations, PM Modi expressed gratitude and emphasized India's commitment to strengthening bilateral relations. His visit also included the gifting of traditional items and a tour of an Ayurveda garden, reinforcing India's role in promoting holistic health in Mauritius.

### Winter Games at Gulmarg: Athletes Shine Despite Harsh Weather Shine

11-Mar-25

The Khelo India Winter Games at Gulmarg showcased remarkable athletic performances amidst challenging weather conditions, with participants from various states competing in diverse snow sports. ITBP and Army athletes dominated several events, including Nordic Ski Sprint and Alpine Giant Slalom, securing multiple medals and highlighting their training and endurance. Notable winners included Siddhartha Gadekar and Tenzin Dolma, who excelled in Vertical Ski Mountaineering. The event not only celebrated athleticism but also emphasized the potential of winter sports in India, fostering a competitive spirit that may propel athletes onto international platforms. This initiative strengthens the country's sporting culture and showcases the dedication of its defense forces in sports.

#### India Urges Bangladesh for Inclusive Elections Amid Political Change SHARE

11-Mar-25

India is encouraging Bangladesh to hold inclusive elections following a mass movement that led to the resignation of former Prime Minister Sheikh Hasina. An interim government under Muhammad Yunus plans elections by March 2026, while student leaders are forming a new political party to challenge the dominance of Hasina's Awami League and the BNP. However, anti-India sentiments complicate India's position, as its involvement could be perceived as interference in Bangladesh's democracy. The situation underscores the crucial need for credible elections in Bangladesh to reflect the people's will, especially after widespread discontent against Hasina's administration.

### PM Modi Celebrates Makhana's Global Future in Mauritius S SHARE

11-Mar-25

During his visit to Mauritius, Prime Minister Narendra Modi celebrated the Bihari diaspora, expressing pride in the local community and predicting that Makhana, a staple food from Bihar, will soon gain global recognition. He emphasized the historical significance of the Nalanda University and reaffirmed India's cultural ties with Mauritius, describing it as "Mini India." Modi also shared holy water from the Maha Kumbh, symbolizing unity and wishing for economic prosperity for the island nation. This visit underscores India's efforts to strengthen its soft power and cultural diplomacy in the Indian Ocean region, fostering deeper connections with its diaspora.

### Eight Keralites rescued from Myanmar return home safely. SHARE

11-Mar-25

Eight Keralites, part of a larger group of 275 Indian nationals, have been rescued from Myanmar and Thailand, where they were reportedly trapped by fraudulent recruitment agents and coerced into cybercrimes at fake call centers. The rescue operation, which involved coordination between the Indian, Myanmar, and Thailand embassies, successfully brought these individuals back to India via an Indian Air Force aircraft. Upon arrival in New Delhi, arrangements were made for their onward journey to Kerala. This operation underscores the importance of international collaboration in safeguarding citizens against human trafficking and related crimes, reflecting India's commitment to protecting its diaspora overseas.

#### BSF Tripura Foils Illegal Crossings, Arrests 29 Bangladeshis Share

11-Mar-25

The Border Security Force (BSF) in Tripura apprehended 29 Bangladeshi nationals across various locations, enhancing vigilance along the porous India-Bangladesh border to combat illegal activities like human trafficking and narcotics smuggling. Recent operations led to the seizure of contraband worth ₹2.88 crore, including 280.67 kg of ganja. These efforts underline the BSF's commitment to securing the border, addressing local concerns through village coordination meetings, and collaborating with local authorities to identify illegal crossings, often aided by Indian touts. Such proactive measures are crucial in tackling the ongoing challenges of irregular migration and trafficking in the region.

#### Jadavpur University Graffiti Sparks Protests Over Political Tensions S SHARE

11-Mar-25

Graffiti supporting "Azad Kashmir" and "Free Palestine" was discovered at Jadavpur University, inciting protests amid ongoing tensions following a violent incident involving the state Education Minister. The presence of plainclothes police triggered further agitation among students, who demanded the university be free from intimidation by the authorities. Faculty and student leaders expressed opposition to any secessionist viewpoints while advocating for campus safety and student representation. The situation highlights the complex interplay of political ideologies within the university and the need for dialogue to maintain peace and academic integrity amidst external pressures.

#### Pakistani Minister Acknowledges Possible US Travel Restrictions S SHARE

11-Mar-25

Pakistan's Minister of State for Law and Justice, Barrister Aqeel Malik, acknowledged the possibility of the US imposing travel restrictions on Pakistani citizens due to rising terrorism concerns. The US Department of State recently issued a travel advisory discouraging travel to Pakistan, particularly in regions like Balochistan and Khyber Pakhtunkhwa, citing risks of terrorism and violence against civilians. The advisory also warned US citizens about potential detention for participating in protests or criticizing the government. This situation highlights Pakistan's ongoing struggle with extremism, raising concerns about its international standing and the implications for bilateral relations with the US.

#### UP CM Yogi Adityanath's photo stirs debate at Nepal monarchist rally Share

11-Mar-25

A controversy ignited in Nepal when photos of Uttar Pradesh Chief Minister Yogi Adityanath appeared at a pro-monarchist rally welcoming former king Gyanendra Shah. This event aimed to advocate for the monarchy's reinstatement, but the inclusion of Adityanath's image drew criticism accusations political and of manipulation by the K P Oli government. RPP spokesperson Gyanendra Shahi claimed it was a deliberate attempt to undermine their movement, while Rimal, a government advisor, denied these allegations as disinformation. This incident highlights the complex interplay of regional politics and public sentiment regarding Nepal's monarchy, with pro-monarchist sentiments gaining momentum since Gyanendra's recent statements on national unity.

# Digantara launches world's first commercial space surveillance satellite, SCOT, enhancing India's space capabilities and safety.

11-Mar-25

Digantara, a Bengaluru-based start-up, has commissioned the world's first commercial space surveillance satellite, SCOT (Space Camera for Object Tracking), capable of tracking objects as small as 5 centimeters. Launched on January 14 aboard SpaceX's Transporter-12, SCOT began operations with its inaugural image capturing the city of Buenos Aires. This satellite is essential for monitoring orbital activities and mitigating collision risks in increasingly crowded space

environments, providing reliable data for satellite operators and regulatory authorities. Ultimately, SCOT represents a significant advancement in India's capabilities in space technology, enhancing both national security and the sustainability of space operations.

#### IN-SPACe Selects Six Consortiums for ₹1,500 Crore Satellite Project Share

11-Mar-25

The Indian National Space Promotion and Authorisation Centre (IN-SPACe) has shortlisted six consortiums for a ₹1,500 crore Earth observation satellite constellation

project aimed at enhancing India's geospatial data infrastructure. This initiative, part of a public-private partnership, seeks to involve private players in satellite design, construction, and launch, catering to both civilian and strategic needs. The project supports India's Aatmanirbhar Bharat initiative, emphasizing indigenous technologies and launch systems. With government-backed loans to mitigate costs, this venture not only addresses the demand for high-resolution geospatial data but also fosters innovation and competitiveness in India's burgeoning private space sector, positioning the nation as a leader in space-based data services.

Disclaimer: This newsletter provides an independent analysis of news articles and reports published across various media outlets over the past 24 hours. The views and opinions expressed herein are those of the individual authors and do not necessarily reflect the official stance of the publishers or any affiliated organizations. The publishers are not responsible for the accuracy, completeness, or reliability of the content analyzed and make no representations regarding the information contained herein. Readers are encouraged to consult original sources for verification and further context; access to the list of original sources analysed can be made available upon request via email.

Subscribe to DefenceProfessionals Whatsapp Channel



### **Defence Sector Stocks**

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
BEL	271.95	278.5	269.05	277.18	20980143	1.78	56.9	260.36	290.61
HAL	3390.65	3471.0	3355.0	3459.85	1502808	1.23	48.01	3400.88	4433.21
ADANIENT	2223.15	2267.85	2208.3	2250.6	947079	1.0	52.26	2197.42	2790.35
MIDHANI	253.0	263.4	253.0	261.37	432294	0.91	44.3	262.92	377.73
HBLPOWER	430.0	443.65	423.55	438.15	1035138	0.72	37.39	465.0	572.69
SIKA	2457.0	2525.0	2435.0	2488.0	2699	0.65	54.07	2415.13	2643.03
LT	3170.3	3204.4	3161.1	3195.45	1274649	0.56	40.56	3236.2	3570.05
PARAS	900.0	948.85	888.0	921.75	202489	0.01	48.29	905.75	1106.14
ZENTEC	1155.0	1209.75	1118.0	1190.7	843365	-0.13	40.38	1173.61	1666.55
PTC	150.01	154.54	149.55	153.17	2575114	-0.42	60.46	145.12	184.01
BHARATFORG	1055.0	1074.8	1045.25	1064.3	725140	-0.43	42.26	1065.34	1427.82
DCXINDIA	232.38	238.0	224.52	232.33	610755	-0.67	33.14	254.16	334.1
SOLARINDS	9800.0	9864.9	9576.0	9765.3	116288	-0.73	63.01	9007.07	10252.8
LMW	15625.0	15800.0	15301.25	15628.55	1638	-1.14	58.43	14697.72	16010.53
APOLLO	114.91	116.08	113.11	115.43	3479556	-1.26	47.36	115.42	109.25
HIGHENE	452.0	469.9	436.15	459.75	6296	-1.51	42.42	473.67	664.78
AZAD	1282.05	1310.0	1275.75	1290.95	184308	-1.71	43.54	1313.1	1590.2
MTARTECH	1308.0	1318.45	1283.5	1293.7	95964	-1.91	40.45	1346.92	1706.06
NIBE	926.95	927.95	900.0	917.4	15121	-2.02	30.12	1070.0	1707.31
MAZDOCK	2265.0	2276.0	2222.0	2255.95	1811862	-2.03	53.42	2173.03	2207.6
COCHINSHIP	1283.0	1288.1	1261.0	1272.75	610842	-2.21	43.59	1282.54	1775.18
BDL	1120.0	1129.95	1103.0	1116.6	785671	-2.34	52.36	1064.87	1258.8
LOKESHMACH	151.0	156.8	147.01	149.73	208630	-2.68	22.15	182.5	352.16
TANEJAERO	310.2	320.0	308.0	315.25	29255	-2.76	49.89	300.58	471.66
ROSSELLIND	63.6	63.78	61.18	62.61	54357	-2.79	49.33	60.58	272.73
ASTRAMICRO	615.35	633.0	615.35	619.2	155781	-2.96	41.38	626.05	812.42
DATAPATTNS	1598.0	1635.2	1551.15	1582.05	2372363	-3.0	43.65	1556.2	2512.98
PREMEXPLN	326.3	333.75	322.3	327.3	314650	-3.17	34.68	358.33	530.65
KRISHNADEF	568.0	569.7	552.0	561.35	40000	-3.25	42.56	592.52	716.93
MARINE	157.1	163.94	156.3	159.1	175808	-3.3	40.4	163.78	221.09
GRSE	1342.45	1342.45	1295.65	1313.5	954381	-3.45	44.67	1326.2	1719.34
AVANTEL	116.39	117.0	112.51	113.56	550157	-3.58	42.3	115.01	_
IDEAFORGE	345.0	346.4	334.0	336.65	200680	-3.66	27.76	376.18	632.92
CFF	466.8	470.0	449.1	450.0	30000	-4.8	42.62	450.83	652.97
BEML	2514.45	2534.0	2430.0	2437.55	463108	-5.11	31.51	2635.01	3911.47
TEMBO	0.0	511.8	511.8	511.8	6035	-24.64	33.21	654.26	466.22