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December 28,2024 | Day 363

#### **Top Gainers**

Stock	Close	Prev	Change
GRSE	1695.8	1557.1	+8.91%
COCHINSHIP	1539.05	1465.8	+5.0%
TEMBO	859.45	818.55	+5.0%
DCXINDIA	355.6	339.65	+4.7%
APOLLO	98.41	94.35	+4.3%

#### **Top Losers**

Stock	Close	Prev	Change
MARINE	269.45	276.4	-2.51%
ZENTEC	2404.25	2464.5	-2.44%
MAZDOCK	2317.4	2364.88	-2.01%
TANEJAERO	417.9	426.2	-1.95%
PREMEXPLN	524.85	534.2	-1.75%

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

#### China Launches Advanced Amphibious Assault Ship to Boost Navy Share

28-Dec-24

China has launched its first Type 076 amphibious assault ship, Sichuan, enhancing its naval capabilities and long-range operational prowess. This 40,000-ton vessel is equipped with advanced features, including an electromagnetic catapult system, allowing it to launch and recover fighter jets. With its ambition to transform the People's Liberation Army Navy into a globally operational force, China is advancing rapidly in naval technology, including plans for a nuclear-powered aircraft carrier. In contrast, India must continue to strengthen its maritime capabilities and strategic partnerships to ensure a balanced power dynamic in the Asia-Pacific region amidst China's military expansion.

#### China Tests New Stealth Fighters, Highlighting India's Defense

Needs SHARE

28-Dec-24

Recent observations have revealed China's latest advancements in military aviation, showcasing two new stealth aircraft designs that may represent a leap towards sixth-generation capabilities. Analysts noted that these aircraft exhibit innovative features such as tailless configurations, advanced weapon bays, and potential nuclear delivery roles, indicating a significant enhancement over existing models like the J-20. Despite their impressive characteristics, experts highlighted that the trijet engine configuration of one

aircraft suggests ongoing challenges in China's jet engine technology, which may hinder its performance in comparison to Western counterparts. This reliance on multiple engines could potentially compromise stealth abilities and operational efficiency. For India, these developments underscore the pressing need to bolster its own indigenous defense capabilities, particularly through programs like the Advanced Medium Combat Aircraft (AMCA), to ensure that it remains competitive in the rapidly evolving regional security landscape.

### D-12 Salamander Aircraft Shines with Third Place at ILAD 2024 SHARE

28-Dec-24

The D-12 Salamander aircraft, developed by IISER Mohali and IIT Kanpur, achieved third place at ILAD 2024, marking a significant advancement in India's regional aviation sector. Designed for 20 passengers with the flexibility to expand to 40, it aligns with the UDAN initiative to enhance air connectivity, especially in remote areas. Powered by reliable Pratt & Whitney the aircraft demonstrates exceptional aerodynamic efficiency and safety features, making it suitable for smaller airports. This innovation not only promises to make air travel more affordable and accessible but may also stimulate local aerospace manufacturing, fostering economic growth employment in the sector.

### AMCA Can Carry Astra Missiles Internally, Boosting Stealth Share

28-Dec-24

The recent advancements in India's Advanced Medium Combat Aircraft (AMCA) program highlight its Internal Weapons Bay (IWB) capability to accommodate Astra missiles without airframe modifications. This feature enhances the AMCA's stealth by allowing it to carry up

to four Astra missiles internally, significantly reducing radar signatures compared to external hardpoints. The IWB is versatile, supporting air superiority and ground-attack missions, showcasing India's commitment to developing indigenous, high-performance weapon systems. The Astra MkI and MkII missiles, integral to the IAF's arsenal, further augment the AMCA's combat effectiveness, reinforcing India's strategic capabilities in aerial engagements.

### India Boosts S5-Class SSBNs with More SLBM Tubes to 16 S SHARE

28-Dec-24

India is advancing its defense capabilities through the development of the S5-class SSBN submarines, which will now feature 16 ballistic missile tubes, up from the initially planned 12. These submarines will carry K-5 and K-6 MIRV-capable SLBMs with ranges between 5,000 and 8,000 kilometers, enhancing India's nuclear deterrence and strategic reach. The Ministry of Defence has approved the concurrent manufacture of two S5-class submarines, with plans for a total of six units, powered by a 190MW reactor designed for endurance and stealth. This development underscores India's commitment to a credible second-strike capability in a rapidly changing strategic landscape.

# Indian Private Aerospace Firms Push for Existing Designs in Regional Aircraft Development Share

28-Dec-24

Indian private aerospace companies are urging the Ministry of Aviation to adopt existing aircraft designs for developing a regional airline focused on short-haul flights, arguing it would reduce costs and risks associated with new designs. They propose leveraging established designs from international firms like Embraer and UAC, which could facilitate local manufacturing and expedite the project. While the National Aerospace Laboratories has suggested an allnew design requiring significant funding, it recognizes limitations in executing such a program independently. The preference for leveraging global expertise highlights a pragmatic approach to enhancing regional connectivity swiftly and efficiently, aligning with initiatives like UDAN to improve air travel accessibility to smaller cities.

# India Offers Advanced Counter-Drone Systems to Strengthen Vietnam's Airbase Security SHARE

28-Dec-24

India has proposed advanced dual counter-drone systems to enhance the Vietnam Peoples Air Force's security against the rising threat of swarm drone attacks on airbases. This strategic offer includes hard kill technologies, such as missile interceptors and laser systems, as well as soft kill methods like RF jamming and GPS spoofing. By integrating these capabilities, Vietnam can effectively mitigate drone threats and fortify its military installations. This collaboration not only reflects India's commitment to regional security but also demonstrates its technological prowess in addressing modern defense challenges, thereby strengthening bilateral defense ties with Vietnam amidst evolving geopolitical dynamics.

### Solar Explosives Cuts Pinaka MkII Production Time to 14 Days Share

28-Dec-24

Solar Explosives has significantly improved the production efficiency of the Pinaka MkII rockets, reducing the manufacturing time from 50-55 days to just 14-15 days. This enhancement not only aligns with the Indian Army's modernization efforts but also ensures quicker deployment and cost-effectiveness of critical defense assets. The Pinaka system, essential for enhancing India's artillery capabilities, is set to include the new Guided Pinaka variant, developed by DRDO, which offers increased accuracy effectiveness in modern warfare. This advancement reflects India's commitment to innovation and operational excellence in its defense sector, reinforcing its strategic capabilities on the battlefield.

### Indonesia and Malaysia Seek BrahMos-A for Su-30 Fighters Share

28-Dec-24

Indonesia and Malaysia are interested in acquiring the Indian-developed BrahMos-A supersonic cruise missile for their Su-30 fighter jets, driven by the need to enhance their aerial and maritime defense amid regional tensions in the South China Sea. The BrahMos-A, known for its speed and precision, requires structural modifications to the Su-30 airframes, which Hindustan Aeronautics Limited (HAL) is prepared to undertake. This collaboration could significantly strengthen the defense capabilities of both nations and contribute to a strategic balance in Southeast Asia. However, challenges include modification costs, integration time,

and the need for training personnel to handle these advanced systems.

### IAF and HAL in Key Talks for 97 New LCA Mk-1A Jets Acquisition S SHARE

28-Dec-24

The Indian Air Force (IAF) and Hindustan Aeronautics Limited (HAL) are in crucial negotiations for acquiring 97 LCA Mk-1A Tejas jets, valued at approximately \$8.8 billion. This initiative highlights India's commitment to enhancing indigenous defense capabilities and self-reliance. Key challenges include HAL's need to expand production capacity, ensure timely engine supply, and maintain high-quality standards, especially given past issues. The IAF expects timely deliveries to avoid previous delays, emphasizing the necessity for HAL to demonstrate reliability and performance in integrating these advanced jets into its fleet effectively. Successful execution will be pivotal for India's defense modernization goals.

### DRDO Unveils Hypersonic Models: Enhancing India's Defense Edge Share

28-Dec-24

The Defence Research and Development Organisation (DRDO) has showcased significant advancements in hypersonic technology by displaying wind tunnel models of innovative missile systems, including the Common Hypersonic Glide Body (CHGB), the antihypersonic interceptor AD-AH, and the Long-Range Anti-Ship Hypersonic Missile (LRASHM). These developments highlight India's strategic efforts to enhance its national defense capabilities, particularly in countering emerging threats from adversaries. The CHGB offers offensive versatility, while AD-AH strengthens India's ballistic missile defense amid evolving hypersonic threats. The LRASHM improves maritime strike capabilities, showcasing commitment to operationalizing hypersonic technologies through collaboration with academic and industrial partners.

#### Flight Tests for India's 48 kN Dry Kaveri Engine on IL-76 in Russia Share

28-Dec-24

India's ambition for self-reliance in aerospace technology is set to advance with the impending flight tests of the Dry Kaveri engine, designed for the Ghatak UCAV and developed by GTRE. This 48 kN thrust engine, which is lighter and more efficient than its predecessors, will be tested on an IL-76 platform in Russia following initial ground trials in India. The

integration process will enable detailed performance analysis, which is crucial for refining the engine for modern UAVs. Successful tests could not only enhance India's indigenous capabilities but also bolster its position in the global aerospace market, potentially opening doors for exports.

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

#### India's 4.5-Gen Fighter Plans Questioned Amid China's Advances SHARE

28-Dec-24

India's air force faces heightened challenges due to China's rapid advancements, particularly with the mass production of the J-20 and the recent debut of the J-36, a potential 6th-generation fighter. Analysts question the relevance of India's focus on procuring 4.5-generation fighters like the Tejas MkII and MRFA, advocating instead for an accelerated development of 5thgeneration capabilities, including potential purchases from abroad. While the Tejas MkII is seen as crucial for countering threats, it must navigate delays and operational limitations. The discussions emphasize the need for India to balance indigenous development with timely acquisitions to maintain regional air superiority and adapt to an evolving threat landscape without becoming overly reliant on foreign technology, which could introduce geopolitical vulnerabilities.

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

#### Taliban Strikes Pakistan Amid Rising Border Tensions S SHARE

28-Dec-24

In recent clashes between Afghan forces and Pakistani troops, tensions have escalated along the border, marked by retaliatory strikes and allegations of civilian casualties. Following Pakistani airstrikes reportedly targeting terrorist hideouts, the Taliban has claimed to retaliate against "malicious elements" beyond the contentious Durand Line, which both nations dispute. A Pakistani paramilitary soldier was killed, and several others wounded in these cross-border exchanges. The situation reflects a deteriorating relationship between the Taliban and Pakistan, which had initially welcomed the group, as Islamabad grapples with increasing militant violence and seeks to curb the Tehreek-e-Taliban Pakistan (TTP). The ongoing hostilities underscore the complex geopolitical dynamics and

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security challenges along the Afghanistan-Pakistan border, necessitating a cautious approach from India in monitoring developments that could impact its own security interests.

### Israeli Raid Closes Gaza Hospital, Director Detained Amid Crisis SHARE

28-Dec-24

An Israeli military raid on Kamal Adwan Hospital in northern Gaza has led to its closure, with the director and several staff members detained, raising serious concerns about the health crisis in the region. The World Health Organization reported significant damage to the facility, affecting critical care for patients, while Israel justified the operation as targeting Hamas militants. The conflict escalated after Hamas's attack on Israel on October 7, initiating a retaliatory campaign that has reportedly resulted in heavy civilian casualties. The situation highlights the challenges in distinguishing between military objectives and humanitarian needs amid ongoing hostilities.

### Pakistan Claims 25 LoC Violations by India Amidst Tensions S SHARE

28-Dec-24

The Pakistan Army has accused India of 25 violations of the Line of Control (LoC) in 2024, threatening a decisive response. Army spokesman Lt Gen Ahmad Sharif Chaudhry also claimed India conducts false flag operations, alleging that security forces killed 925 terrorists this year while suffering 383 casualties. He criticized India's tactics in Jammu and Kashmir and accused the Indian government of targeting minorities. Despite these claims, India has consistently countered Pakistan's allegations, emphasizing Islamabad's role in promoting terrorism. This situation underscores ongoing tensions, with India maintaining its strategic posture in the face of unfounded accusations.

### China Defends Brahmaputra Dam, Assures No Impact on India S SHARE

28-Dec-24

China has defended its plan to construct the world's largest dam on the Brahmaputra River, asserting that it will not adversely impact lower riparian states like India and Bangladesh, following extensive studies and safety measures. The project, part of China's ambitious development goals, has raised concerns about potential water control and flood risks during hostilities. While India is also developing a dam in Arunachal Pradesh, the situation highlights the complexities of trans-border river management. China's assurances, alongside its

historical data-sharing mechanisms with India, reveal a nuanced geopolitical dynamic, but India must remain vigilant to safeguard its water interests amid China's infrastructural ambitions.

#### EAM Jaishankar and Trump's NSA pick Waltz discuss ties and global

issues. 🕓 share

28-Dec-24

Affairs S. Jaishankar External Minister met Congressman Michael Waltz, President-elect Trump's National Security Advisor nominee, during his US visit, discussing the India-US bilateral partnership and global issues. This meeting marked the first high-level engagement between India and the incoming Trump administration. Waltz, a proponent of India-friendly legislation and co-chair of the Congressional India Caucus, has a strong track record of supporting India-US relations. Jaishankar expressed confidence that ongoing discussions would accelerate the growth of this strategic partnership, highlighting the importance of continued collaboration in facing global challenges and enhancing defense ties between the two nations.

#### India's Defence Ministry Strengthens Global Partnerships and Security Share

28-Dec-24

The Indian Defence Ministry has significantly advanced defense cooperation with various countries through high-level visits and military exercises. Defence Minister Rajnath Singh engaged with US, Russia, UK, Japan, and several ASEAN nations, focusing on enhancing bilateral ties, industrial collaboration, and regional security. His discussions highlighted the importance of amicable relations with China and underscored India's commitment to a rule-based international order in the Indo-Pacific. The dialogues with multiple nations reflect India's strategic approach to fortifying partnerships, enhancing maritime security, and promoting stability in the Indian Ocean Region, reinforcing India's growing influence in global defense dynamics.

### Russia Considers Nuclear Testing Amid U.S. Policy Tensions Share

28-Dec-24

Russia's Deputy Foreign Minister Sergei Ryabkov warned that Moscow is contemplating nuclear testing due to perceived hostile U.S. policies, particularly under Donald Trump's first administration. He criticized Trump's stance on the Comprehensive Nuclear Test Ban Treaty, indicating that Russia's security measures would adapt accordingly. Since the Soviet Union's last

nuclear test in 1990, only a few nations have conducted tests, with India's and Pakistan's in 1998 being notable. Concurrently, President Putin announced ongoing tests of the Oreshnik hypersonic missile, responding to heightened tensions with Ukraine, which is developing countermeasures with Western allies. This situation underscores the global complexity of nuclear deterrence and regional security dynamics.

#### **Military Operations**

### Indian Army Team Heads to Nepal for Joint Exercise Surya Kiran Share

28-Dec-24

The Indian Army contingent of 334 personnel has departed for Nepal to participate in the 18th edition of Exercise SURYA KIRAN, scheduled from December 31, 2024, to January 13, 2025, in Saljhandi. Led by a battalion from the 11th Gorkha Rifles, the exercise aims to enhance interoperability in jungle warfare, counterterrorism, and humanitarian assistance. It underscores the strong ties between India and Nepal, fostering greater military collaboration and understanding. This joint initiative, following high-level visits between military leaders, reflects both nations' commitment to shared security objectives and reinforces their enduring friendship and defense cooperation.

### Israel's Historic THAAD Interception of Houthi Missile in Yemen S SHARE

28-Dec-24

Israel has successfully used the U.S. THAAD missile defense system for the first time to intercept a missile fired by Yemen's Houthi movement, highlighting a significant enhancement in its air defense capabilities amid rising regional tensions. The deployment of THAAD underscores a strategic shift in the U.S.-Israel defense partnership, aimed at countering threats from various missile actors in the region. However, the recent airstrikes by Israel on targets linked to the Houthis have drawn international concern, particularly regarding their impact on humanitarian efforts in Yemen, where a dire humanitarian crisis persists. This complex situation illustrates the intricate interplay between defense strategies and geopolitical dynamics in the Middle East.

#### Zelenskiy: North Korean Troops Face Heavy Losses, Abandoned by

Russia 😥 share

28-Dec-24

Ukrainian President Volodymyr Zelenskiy reported that North Korean troops in Russia's Kursk region are suffering heavy casualties, allegedly abandoned by Russian forces during combat. He indicated that about 12,000 North Koreans are present, with over 3,000 reported killed or wounded, and that they are being sent into battle with minimal protection. Zelenskiy emphasized that the situation reflects a lack of concern for their survival, suggesting that neighboring China should pressure Pyongyang to prevent further loss of life. This scenario signals the complexities of alliances in the region, potentially impacting geopolitical dynamics involving India, given its strategic interests in Asia.

#### **Terrorism and Counterterrorism**

### NIA Raids in Jharkhand, Chhattisgarh Target Naxal Networks S SHARE

28-Dec-24

The National Investigation Agency (NIA) conducted extensive searches in Jharkhand and Chhattisgarh to investigate Naxal-related cases, targeting over-ground workers and suspects linked to the CPI(Maoist). The operations, which led to the seizure of mobile phones, cash, and other incriminating materials, stemmed from the arrest of a regional committee member and investigations into a deadly IED attack during state Assembly elections. This proactive approach by the NIA underscores the Indian government's commitment to combatting Maoist insurgency and enhancing internal security. The NIA's sustained efforts demonstrate an effective strategy in dismantling the logistical networks supporting terrorism in sensitive regions, contributing to national stability and safety.

### Militants Arrested in Manipur as Security Forces Strengthen Stability Share

28-Dec-24

Two militants from the banned Kangleipak Communist Party (Peoples War Group) were arrested in Imphal West district, Manipur, as part of ongoing efforts to curb insurgency and extortion in the region. The police seized two mobile handsets and other items from the militants, highlighting the security forces' proactive measures against such groups. This arrest underscores

the Indian government's commitment to addressing insurgency and maintaining peace in Manipur, an area historically affected by militant activities. dismantling the operations such militant organizations, India aims to enhance security and which is for socio-economic crucial development in the region.

### J&K Police Seize Rs 18.5 Lakh in Properties of Pak Terrorists SHARE

28-Dec-24

In a significant crackdown on terrorism, Jammu and Kashmir Police have attached properties of three from terrorists operating Pakistan, valued approximately Rs 18.5 lakh, under the Bharatiya Nagarik Suraksha Sanhita. This operation, executed by a joint team of police and civil administration, reflects a strong commitment to dismantling the terror ecosystem in the region. Earlier, properties of seven absconding terrorists were also attached, showcasing a sustained effort to combat anti-national elements. The police urge public in reporting suspicious participation emphasizing community involvement in enhancing peace and security in Jammu and Kashmir.

#### Mil Personnel & Veterans

#### Delhi High Court Upholds Vitiligo Disqualification for ITBP Recruitment S SHARE

28-Dec-24

The Delhi High Court ruled that candidates with vitiligo can be lawfully rejected from recruitment into the Indo-Tibetan Border Police (ITBP), affirming that this condition is classified as a disqualifying disability under the recruitment rules. The court emphasized adherence to the specific criteria outlined in the job advertisement, rejecting the argument that allowances made by other armed forces could apply. This decision underscores the importance of maintaining strict health standards within the central armed forces, ensuring candidates meet the required physical conditions essential for operational effectiveness and discipline in service.

#### Miscellaneous

### Biden Honors Manmohan Singh: A Statesman Who Shaped Ties SHARE

28-Dec-24

US President Joe Biden and Chinese officials have both paid tribute to former Prime Minister Dr. Manmohan Singh, who passed away at 92. Biden lauded Singh as a "true statesman" and credited him with key milestones in US-India relations, highlighting his role in the US-India Civil Nuclear Agreement and the establishment of the Quad. Meanwhile, China acknowledged Singh's significant contributions to improving Sino-Indian ties, referencing agreements made during his tenure to address the boundary issue. Both nations recognize Singh's lasting impact on global diplomacy, underscoring his legacy in fostering cooperation between India and the US, as well as India and China. This collective mourning reflects Singh's unique position in shaping India's international relationships, marking him as a pivotal figure in the country's economic reforms and foreign policy.

# Bangladesh escalates corruption probe against ex-PM Hasina amid India extradition plea. Share

28-Dec-24

Anti-Corruption Bangladesh's Commission has intensified its investigation against former Prime Minister Sheikh Hasina. now accused misappropriating government land and embezzling funds related to the Rooppur nuclear power project, amidst calls for her extradition from India. The allegations come as relations between India and Bangladesh have soured, particularly following Hasina's departure under pressure from protests. India, while receiving the extradition request, is concerned about the treatment of Hindus in Bangladesh and the political climate under the interim government led by Nobel laureate Muhammad Yunus. Hasina's continued support from Indian Prime Minister Narendra Modi complicates the situation, highlighting regional geopolitical dynamics.

### India Leads Global Disaster Warning Systems and Collaborations Share

28-Dec-24

India has emerged as a global leader in disaster warning systems, bolstered by the establishment of the

Indian National Centre for Ocean Information Services (INCOIS) after the 2004 tsunami. Union Minister Dr. Jitendra Singh highlighted the nation's significant advancements in ocean research and disaster preparedness, emphasizing the success of India's System Early Warning international collaborations, such as with UNESCO. He outlined future plans, including a deep-sea mission and integration of multi-hazard warning underscoring India's commitment to safeguarding lives while enhancing global partnerships and promoting sustainable exploration of marine resources. This positions India as a proactive player in global disaster management and oceanic exploration.

#### Maharashtra ATS Nabs 13 Bangladeshi Nationals for Illegal Stay SHARE

28-Dec-24

The Maharashtra Anti-Terrorism Squad (ATS) has arrested 13 Bangladeshi nationals for illegally entering and residing in India without valid documents. This operation, conducted in Navi Mumbai, Thane, and Sholapur, involved the apprehension of seven men and six women who had allegedly obtained Indian identity documents, such as Aadhaar cards, through forgery. The arrests highlight the ongoing challenges India faces with illegal immigration and document fraud, emphasizing the need for robust border security and vigilant law enforcement to maintain national security. This operation underscores the ATS's commitment to addressing threats posed by illegal migrants and ensuring the integrity of the country's immigration system.

### ISRO's PSLV-C60 Launch to Showcase Space Docking and Experiments Share

28-Dec-24

The Indian Space Research Organisation (ISRO) is set to launch the PSLV-C60 mission, featuring the groundbreaking SpaDeX satellite for the first-ever space docking technology demonstration and deploying 24 scientific experiments under the POEM-4 initiative. Scheduled for December 30, this mission signifies India's ambition to join an elite group of nations mastering space docking, enhancing future projects like Chandrayaan-4 and Gaganyaan. With contributions from various ISRO centers, the SpaDeX mission is a significant advancement in space capabilities, critical for ambitious endeavors such as the Bharatiya Antariksh Station and lunar sample return missions, reflecting India's growing prowess in space technology.

### INS Tushil Arrives in Morocco to Strengthen Naval Ties S SHARE

28-Dec-24

INS Tushil arrived in Casablanca, Morocco, on December 27, 2024, to enhance bilateral relations and naval cooperation between India and Morocco. This visit follows the recent arrival of three Indian Navy ships, reflecting increased trust and interoperability. During the two-day visit, Tushil's crew will engage with the Royal Moroccan Navy and conduct a Passage Exercise (PASSEX) to share best practices and improve collaboration. Commissioned on December 9, 2024, in Russia, INS Tushil is set to bolster India's maritime diplomacy and foster ties with friendly foreign navies as it continues its journey home to Karwar. This initiative underscores India's commitment to strengthening its naval presence in the region and enhancing defense partnerships.

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## **Defence Sector Stocks**

Stock	Open	High	Low	Close	Volume	Change	RSI14	SMA20	SMA200
GRSE	1558.3	1753.95	1536.0	1695.8	3900341	8.91	54.59	1694.56	1579.5
COCHINSHIP	1470.0	1539.05	1445.0	1539.05	340981	5.0	49.23	1598.41	1711.88
TEMBO	835.0	859.45	818.55	859.45	89821	5.0	67.79	765.26	381.08
DCXINDIA	336.9	367.9	335.4	355.6	2551596	4.7	63.59	331.01	333.57
APOLLO	95.0	99.0	94.71	98.41	2012681	4.3	53.32	98.05	104.79
PARAS	995.4	1036.9	990.5	1016.1	111779	2.57	43.03	1074.01	1032.97
IDEAFORGE	578.0	594.5	578.0	589.15	178907	2.05	44.08	607.63	690.94
CFF	699.0	715.0	685.0	696.0	19400	2.05	53.65	703.73	619.7
BEML	4014.9	4094.95	4002.7	4073.0	142804	1.54	43.62	4277.15	3955.54
MTARTECH	1643.45	1679.7	1625.5	1668.1	167092	1.5	47.95	1701.96	1791.31
NIBE	1702.2	1759.0	1661.0	1723.7	22852	1.35	46.08	1775.96	1738.12
DATAPATTNS	2494.95	2549.0	2472.65	2512.6	89544	1.17	50.67	2566.12	2721.46
MIDHANI	340.0	348.9	337.3	342.85	210547	1.08	41.64	365.5	408.51
BDL	1188.85	1218.0	1173.0	1199.95	379608	0.93	52.98	1217.94	1208.54
ASTRAMICRO	770.0	779.5	763.45	774.55	86476	0.82	44.44	805.83	801.47
LMW	16905.0	17068.0	16905.0	17009.2	1627	0.42	53.1	17041.44	16150.61
ADANIENT	2415.0	2446.15	2390.5	2409.95	1982291	0.4	41.76	2457.67	2993.11
SIKA	2505.0	2550.0	2450.0	2503.7	2389	0.37	41.64	2626.43	2501.57
AVANTEL	156.99	160.0	156.5	157.1	230858	0.23	43.36	163.93	_
KRISHNADEF	770.0	776.0	758.75	761.85	31500	0.18	60.71	717.89	648.03
HAL	4240.0	4293.0	4203.2	4233.35	873116	0.1	37.48	4481.94	4439.49
AZAD	1689.15	1701.7	1670.0	1680.9	52156	0.1	47.65	1740.5	1543.22
BHARATFORG	1320.0	1347.0	1311.6	1314.85	1037735	0.05	43.35	1339.2	1451.85
PTC	148.01	148.88	146.4	147.96	1274971	-0.04	30.45	164.59	200.65
HBLPOWER	634.0	642.0	626.2	631.7	814579	-0.05	48.2	657.41	561.67
LOKESHMACH	327.35	329.15	323.8	326.5	26792	-0.2	35.98	354.1	390.21
SOLARINDS	10215.15	10450.0	10100.0	10183.25	33851	-0.31	46.22	10469.64	10083.24
LT	3632.4	3643.65	3603.5	3608.1	1309122	-0.59	39.01	3777.27	3617.26
ROSSELLIND	77.0	78.7	75.8	76.13	19491	-0.9	29.85	82.59	363.41
BEL	295.85	296.15	291.35	292.05	9495184	-1.07	41.04	306.71	278.77
HIGHENE	614.0	628.0	602.0	609.45	4200	-1.57	38.8	651.34	716.55
PREMEXPLN	544.0	544.0	520.0	524.85	135578	-1.75	54.23	507.48	523.09
TANEJAERO	426.2	433.95	409.95	417.9	16953	-1.95	37.56	455.85	490.91
MAZDOCK	2375.0	2392.5	2292.2	2317.4	2629581	-2.01	48.1	2420.74	1919.44
ZENTEC	2474.4	2478.1	2348.1	2404.25	428550	-2.44	66.3	2186.17	1470.83
MARINE	279.1	279.1	263.0	269.45	760625	-2.51	46.27	288.84	193.39