

समाचार पत्रों से चयित अंश Newspapers Clippings

दैनिक सामयिक अभिज्ञता सेवा

A Daily Current Awareness Service



रक्षा विज्ञान पुस्तकालय
Defence Science Library
रक्षा वैज्ञानिक सूचना एवं प्रलेखन केन्द्र
Defence Scientific Information & Documentation Centre
मेटकॉफ हाऊस, दिल्ली 110054
Metcalfe House, Delhi-110054

India, U.S. talk defence partnership

This status puts India on par with the closest allies and partners

India and the U.S. on Thursday finalised the specifications for designating India a 'Major Defence Partner' of the U.S. This status puts India on a par with the closest allies and partners of the U.S.. The agreement was reached between Defence Minister Manohar Parrikar and U.S. Secretary of Defence Ashton Carter in Delhi.

India was accorded this status during Prime Minister Narendra Modi's visit to Washington in June.

"The designation as a 'Major Defence Partner' is a status unique to India and institutionalises the progress made to facilitate defence trade and technology sharing with India to a level at par with that of the United States' closest allies and partners, and ensures enduring cooperation into the future," a joint statement issued after the talks said.

The finalisation reached pertains to U.S. licensing rules and stipulations on which non-papers were exchanged by both sides. This status is bestowed upon the North Atlantic Treaty Organisation (NATO) countries and the U.S. treaty allies such as Australia, New Zealand, the Philippines, Japan and South Korea.

In his opening remarks, Mr. Carter said this was his seventh meeting with Mr. Parrikar. "He is a Defence Minister with whom I have met the maximum number of times," he said.

Both sides reviewed the progress in defence ties in recent years, and welcomed the "tremendous progress" achieved under the Defence Technology and Trade Initiative (DTTI) intended to promote opportunities for co-production and co-development of weapon systems and platforms.

Boost for 'Make in India'

"The DTTI will strengthen India's 'Make in India' initiative and both sides committed to convening all new DTTI working groups prior to the next DTTI Group meeting anticipated for February 2017," the statement said. In the past two years, some major agreements were signed, including the Defence Framework Agreement in 2015, which laid a blueprint for collaboration between the defence establishments and the logistics support agreement Logistics Exchange Memorandum of Agreement (LEMOA). Both sides also exchanged views on regional security issues including the threat posed by terrorism and "underlined the need to ensure that terror groups receive no patronage from any State."

Mr. Carter later called on Mr. Modi and briefed him on the progress in taking forward the decisions and understandings reached during his visit to the U.S. in June. Mr. Modi appreciated the contribution made by Mr. Carter in strengthening the defence cooperation between India and the U.S.



India a Major Defence Partner: Ashton Carter

India and the United States on Thursday agreed to further strengthen the bilateral defence cooperation as outgoing American Defence Secretary Ashton Carter met his counterpart Manohar Parrikar here. The two leaders were meeting for the record breaking seventh time and Carter termed New Delhi as a "major defence partner."

The US has emerged as one of the biggest weapon supplier to India having sold arms worth over ten billion dollars in the last few years. The list includes C-17 Globe master transport planes, C-130J medium lift

transport planes and amphibious ship Trenton renamed INS Jalshawa. The two countries last week also inked a deal for more than Rs5,000 crore for 144 ultra-light M-777 howitzers.

Besides this, India and US earlier this year renewed its Defence Framework Agreement for the next ten years. The first such pact was inked ten years back to give focus to defence co-operation between India and US including technology transfer, joint exercises and exchange of officers for higher command courses in each other's military establishments. The two countries also signed long-pending Logistics Supply Agreement which allows armed forces of each other's country to use military facilities for issues like replenishing fuel and water for aircraft and warships.

During the ongoing visit, Carter said this is the seventh meeting that he was having with Parrikar emphasising the importance that US puts on its ties with India. The meeting, which was more of a thanksgiving one, Carter said, "today our defence relationship takes a major step as we designate India as a major defence partner."

Parrikar said he appreciated Carter's strong commitment to defence partnership adding it was not an exaggeration that defence relations are a major driver in India-US bilateral relations. He also said Carter's conceptualisation of the Defence Trade and Technology Initiative (DTTI) shows his interest in bilateral defence cooperation. US President-elect Donald Trump has nominated James Mattis, a retired Marine Corps general, for the post of the US Defence Secretary.



Fri, 09 Dec, 2016

India and Vietnam Likely to Sign Civil Nuclear Pact This Week

By DipanjanRoy Chaudhury

Inter-Governmental Framework Agreement: Cooperation will entail capacity building and training of Vietnamese nuclear scientists by India

India is likely to seal a landmark civil nuclear pact with Vietnam this week during the visit of the President of Vietnam's National Assembly, Ngyun Thi Kim Ngan, the first such partnership with a neighbour of China.

The Indo-Vietnam Inter Governmental frame work Agreement in the field of civil nuclear cooperation will entail capacity building and training of Vietnamese nuclear scientists by India besides assistance to improve safeguard measures of nuclear installations in the Southeast Asian country, according to persons familiar with the development.

Sri Lanka is the only other developing country with which India has signed a civil nuclear pact.

During Prime Minister Narendra Modi's trip to Hanoi in early September the two sides also agreed to "expedite the negotiation" for a new Inter-Governmental Framework Agreement on Cooperation in the Peaceful Uses of Nuclear Energy, "which will set a strong foundation for further cooperation in civil nuclear energy". India has been helping Vietnam's civil nuclear sector since signing the first agreement in 1986, besides supplying a research reactor and training a few scientists under the International Atomic Energy Agency programme.

Vietnam currently has bilateral civil nuclear pacts with Russia and Japan, a fact that will complement Indo-Vietnamese partnership. While Russia has wide-ranging presence in India's civil nuclear sector, India and Japan concluded a civil nuclear pact last month. The visit of Ngyun Thi Kim Ngan, third highest ranking leader of Vietnam, will push comprehensive strategic partnership between the two countries, coming close on the heels of Vietnam's defence minister visit to India. The National Assembly President will be accompanied by a big business delegation to push economic and investment ties. The visit will also provide a fillip to parliamentary cooperation through exchanges between leaders of parliaments, committees, parliamentary friendship groups and parliamentarians of two countries.

Army chief sees Pak-China drill

Islamabad: Pakistan army chief Qamar Javed Bajwa on Thursday witnessed the final day of two months long Pak-China exercise Warrior4, which was focused on high impact counter terrorism operations in rural and urban areas using heli borne and special forces of both countries.

The army chief visited National Counter Terrorism Training Centre (NCTC), Pabbi and spent his day witnessing concluding sessions of high profile training events. Speaking to officers and troops on the occasion, the army chief noted that sharing of best experiences through series of exercises had improved counter Terror combat skills of Chinese and Pak troops.



Fri, 09 Dec, 2016

China holds massive military drills

Beijing: The Chinese army has conducted massive military exercises in the volatile Xinjiang region, the first such drill after it reconstituted area command which looks after the Line of Actual Control in the Kashmir region. Over 10,000 soldiers with the People's Liberation Army (PLA) Xinjiang Military Area Command participated in a defensive drill in a mountainous area rising over 4,000 metres above sea level in Xinjiang Uyghur Autonomous Region, state-run People's Daily said in brief report with photographs of the drills.

The operation spread across seven hills and included "missions relating to camouflage, intelligence, reconnaissance and counterattack", it said.

This is the first time such exercises were held after the PLA underwent massive restructuring initiated by President Xi Jinping, who is also the head of the military. His reforms include retrenchment of three lakh troops to make the force lean and mean. The Chinese military has also for the first time integrated area commands looking after India and Pakistan. China has seven military area commands in Beijing, Nanjing, Chengdu, Jinan, Shenyang, Lanzhou and Guangzhou. Of this, Chengdu looked after security of India's eastern sector in the Tibet region including Arunachal Pradesh while Lanzhou looked after the partly the western sector, including Kashmir region and Pakistan.



Fri, 09 Dec, 2016

Saturn's moons younger than thought: study

New York: Saturn's moons are much younger than previously thought, according to freshly harvested data from Nasa's Cassini mission of the ringed planet's bulging core and twisting gravitational forces.

Scientists measured Saturn's Love number - the rigidity of a planet - for the first time and confirmed Saturnian moons move away from the planet at a faster rate than expected.

"All of these Cassini mission measurements are changing our view of the Saturnian system, as it turns our old theories upside down. It takes one good spacecraft to tell us how wrong we were in the past," said Radwan Tajeddine, research associate at Cornell University in the US.

Using photographic images taken from century-old glass negatives and Cassini spacecraft observations, the group measured the Love number.

While Saturn is mostly a gigantic shroud of liquid hydrogen and liquid helium, it contains a rocky core - about 18 times the size of Earth, which responds to tidal forces from all of Saturn's major moons by bulging.

The forces of the bulging core, in turn, push the moons slightly away.

"Those two parameters -the Love number and dissipation factor - are difficult to separate," said Tajeddine, also a member of the European-based Encelade scientific team.

The team detected and examined the orbits of four tiny moons associated with the larger moons Tethys (Telesto and Calypso) and Dione (Helene and Polydeuces). While these tiny moons do not affect the tidal forces on Saturn, their orbits are disturbed by Saturn's core tidal bulges.

"By monitoring these disturbances, we managed to obtain the first measurement of Saturn's Love number and distinguish it from the planet's dissipation factor," Tajeddine said.

The study was published in the astronomy journal *Icarus*.