

## China is readying Shenzhou 13 spacecraft in case of space station emergency

China may be increasingly seen as its first astronauts to successfully launch and return to Earth, but back on the ground astronauts are still a hot commodity in the market in case of emergency.

Three Chinese astronauts, Zhai Zhigang, Wang Yaping and Tang Hongbo, are the first space station module, on the Tiangong-1, to be launched. They took to space on a Long March 2 and docked with Tiangong-1 on September 15. The crew, consisting of astronauts Zhai Zhigang, Wang Yaping and Tang Hongbo, entered the module shortly after.

China's space engineers back at the Jiuquan Satellite Launch Center in Gansu province are working on the other Long March 2 rocket and the Shenzhou 12 spacecraft for the next mission, scheduled for the end of the year. The pair are to be ready on September 17, in case of an emergency.

"Shenzhou 12 is docked on the space station. Because of the emergency, we can launch the Shenzhou 12 spacecraft any time," said a Chinese space official. "We could launch Shenzhou 13 in the shortest time," Shao Linlin, a senior official at the China Aerospace Science and Technology Corp., the Shenzhou 12 spacecraft manufacturer, said.

"The astronauts would be able to return to the ground on Shenzhou 12," he added. "The spacecraft could be used as the emergency rescue ship."

The crew of China's Shenzhou 12 mission will take a photo of the Earth from the window of the Tiangong space station module on June 17, 2021.

The emergency planning involves the launch of the Shenzhou 12 spacecraft. "On Need" missions planned since the launch of the Shenzhou 12 vehicles had suffered damage.

Tianhe provides living quarters for the crew and propulsion for the space station. It has a rear docking port and a forward docking hub that will allow two more modules to connect and other spacecraft to visit.

This means, unlike China's two earlier Tiangong space labs, a second Shenzhou spacecraft can dock with Tianhe to perform a rescue mission.

Engineers have also upgraded the Shenzhou spacecraft, which had a first test flight in 1999, to have a longer service life. This allows the spacecraft to be docked at the station for longer to facilitate regular, six-month-long crewed missions.

The Shenzhou 12 mission is planned to last three months, during which the astronauts will conduct two extravehicular activities, or space walks, beginning with a 33-

If there are no emergencies, Shenzhou 13 will launch a planned around October. Tianzhou 3, a supply mission, is expected to fly in September in preparation for the arrival of the new crew. The China Manned Space Agency (CMSA) says Shenzhou 13 will be a six-month mission. Shenzhou 14 will likewise be readied as an emergency rescue for Shenzhou 13.

China is planning 6 launches in 2022 to complete the three-module Chinese space station. Two experiment modules, Wentian and Mengtian, will launch next year along with two more crewed spacecraft, Shenzhou 14 and 15, and the Tianzhou 4 and 5 cargo missions.

space

The diagram illustrates a two-dimensional lattice structure. It consists of a grid of points (sites) connected by horizontal and vertical bonds. A central point is highlighted, and its four nearest neighbors are explicitly connected to it by bonds. The lattice is labeled with 'x' and 'y' axes, indicating the spatial coordinates of the sites.

## World star Mohammad Nabi loving...

[illegible]

"As you get older, it is then a little bit tougher to play red ball cricket.

"It was my dream to play Test cricket, and I achieved that for my country and for me.

"I managed to help Afghanistan reach Test status and I only played three games, but that is fine.

"We don't have that many games in a year, only one or two matches, and I think it is better for the country to play a youngster to get more experience of Test cricket. "I just is why I only play white ball cricket." And he is certainly pretty good at it!

Nabi is a regular performer in the Big Bash in Australia, the Indian Premier League and other tournaments, but his focus later on this year will be on the ICC T20 World Cup in India in October.

Afghanistan are in the mix, and

Nabi is really looking forward to that. "I do a lot of travelling in a year, but it depends on my national duty," he said.

"If there are no Afghanistan games then I will still travel all over the world playing in T20 leagues. But we have the T20 World Cup coming up and we will try to do really well in that. We have a good T20 team, and I hope we can beat some teams in that competition."

For the next few weeks though, Nabi's focus is on doing the business for the Steelbacks, and Northerns supporters will be hoping he can work his magic and inspire his new team-mates to qualification for the Blast quarter-finals.

That will certainly be a challenge - but one that the ultra-competitive Nabi will meet head on.

## Bangladesh: hold security forces..

**From Prison**

In October 2010, US senators published a bipartisan letter calling for the release of the 12 US troops sent to the 100th Airborne Division's 1st RAH officials for torture, extrajudicial executions, and other human rights abuses. The letter also called for the US government to provide appropriate authorities, including the US Department of Justice, with all the information the US government should swiftly release to the public. The letter should be provided by other concerned jurisdictions with similar concerns, including the UK, EU, Canada, and the UN Committee Against Torture. The letter stated that "that person that have served in the US military and who have frequently been deployed for service in United Nations peacekeeping missions in Iraq and Afghanistan." The letter also stated that the US government should provide appropriate authorities with all the information the US government should swiftly release to the public. The letter should be provided by other concerned jurisdictions with similar concerns, including the UK, EU, Canada, and the UN Committee Against Torture.

The UN should undertake a comprehensive review of its ties with the Bangladesh military. All discussions about increasing Bangladesh troop deployments in UN missions and high-rank posts should be put on hold pending the results of such an investigation, the group said. The UN Department of Peace Operations should sever all ties with any units, soldiers, and commanders found responsible for serious human rights abuses, including commanders who failed to prevent or punish abuses by individuals under their command.

In addition, the UN Department of Peace Operations should carry out increased vetting for all personnel with a history of RAB affiliation under the 2012 UN policy on Human Rights Screening.

ing of United Nations Personnel, which requires verification that any individual serving the United Nations has not committed any "violations of international human rights law and international humanitarian law."

The UN Human Rights Council (UNHRC) should adopt a resolution that endorses disappearances, torture and extrajudicial killings in Bangladesh.

"Bangladesh authorities have long been sweeping allegations of torture under the rug," said Angelika Baazeyen, vice president of International Advocacy and Human Rights. "The government should heed recommendations by the UN rights bodies and address abuses by its security forces."

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## Afghan Advertisements

AS 887	<p><b>INVITATION FOR BIDS (IFB)</b>  <b>INTERNATIONAL COMPETITIVE BIDDING (ICB)</b></p> <p>NPA on behalf of Afghanistan National Energy Agency, Islamic Republic of Afghanistan</p> <p><b>Procurement Entities</b>          Government of Afghanistan Republic of Afghanistan</p> <p><b>Item Description</b>          Procurement of chemical and biological materials          Lab Equipment for AENA</p> <p><b>Ref No.</b>          A/ENAC/140002-3215/ICB</p> <p><b>Issue date</b>          27 June, 2021 at 10:00 AM (Local Time)</p> <p><b>Bidding date</b>          03 August, 2021 at 10:00 AM (Local Time), Electronic</p> <p><b>Deadline for submitting bids</b>          03 August, 2021 at 10:00 AM (Local Time), Electronic</p> <p><b>Submission</b>          Attention: Bidding Participation Secretariat</p> <p>1st Floor, Training, Information, Acquisition, National          Information Management (NIM), National Information          Management Center (NIMC), Ministry of the President (MOP)          00100, Pashawar, War, Kabul, Afghanistan</p> <p>In case of any difficulty in locating the address and submission of bid,          complete set of Bidding Documents in English may be obtained by          interested bidders by contacting the following email address:  <a href="mailto:info@nima.gov.af">info@nima.gov.af</a></p> <p>For the complete set of Bidding Documents in English may be obtained by          interested bidders free of cost by downloading          from the NPA website: <a href="http://www.npa.gov.af">www.npa.gov.af</a></p> <p>Interested bidders may be contacted in case of any difficulty in          downloading from website, interested bidders may contact at e-mail address:  <a href="mailto:info@nima.gov.af">info@nima.gov.af</a> or <a href="mailto:npa.gov.af">npa.gov.af</a> Copy to  <a href="mailto:info@nima.gov.af">info@nima.gov.af</a> or <a href="mailto:npa.gov.af">npa.gov.af</a></p> <p><b>Bid Security</b>          10% of the estimated value of the contract, i.e. \$6,000 USD (Sixteen thousand US Dollar)</p>
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## AA 886 ANNOUNCEMENT FOR BIDDING

<b>Procurement Entities</b>	NPN on behalf of Ministry of Urban Development and Land (MUDL), Islamic Republic of Afghanistan.
<b>Funded By</b>	World Bank
<b>Title Description Ref No.</b>	<b>Procurement of International Mapping Company for Orthophotos and Base Mapping Kabul, RFB NO: NPA/MU/L1400NCS-2335 ICB.</b>
<b>Bidding Deadline for Submission Bids</b>	<b>10/AUGUST/2021 at 10:00 Hours (Local Time).</b> The public opening of Bids received will be held immediately after the closing of the deadline.
<b>Address for Submission Bids</b>	Ambassador Building/Facilitation Secretariat Address: National Procurement Authority (NPA) Administrative Office of the President (AOP), Pashanurwan Wa, Kabul, Afghanistan   Kabul Afghanistan. Telephone: (+93) 20262260 Email: <a href="mailto:npa@npa.gov.af">npa@npa.gov.af</a>
<b>Interested Parties</b>	Interested parties may download the complete Bidding Documents from our website: <a href="http://www.npa.gov.af">www.npa.gov.af</a> , <a href="http://www.mudl.gov.af">www.mudl.gov.af</a> . If you have any problem in downloading the documents, please contact the same by sending email at the address <a href="mailto:mahmood.mammadov@npa.gov.af">mahmood.mammadov@npa.gov.af</a> , Copy to <a href="mailto:bahramullah.mammadov@npa.gov.af">bahramullah.mammadov@npa.gov.af</a> , <a href="mailto:shahzad.abdullahi@npa.gov.af">shahzad.abdullahi@npa.gov.af</a> , <a href="mailto:pj2.d@npa.gov.af">pj2.d@npa.gov.af</a> , <a href="mailto:msrebarmammadov@mudl.gov.af">msrebarmammadov@mudl.gov.af</a> .
<b>Low Security:</b>	25,000 USD

## Japan to ask athletes from India, others for more COVID-19 tests



Japan says it will only accept athletes from India and five other countries hit hard by the highly infectious Delta variant of the coronavirus to have daily virus tests for seven days before leaving for the Games, a Japanese newspaper said on Sunday.

Under the plan, all overseas athletes are being asked to have coronavirus tests twice during the four-year period before their departure for the Tokyo Olympics, which is set to start on July 23 after a two-day delay due to the pandemic.

The Japanese government said it will also require athletes from the Maldives, Nepal, Pakistan, Sri Lanka and Afghanistan, no effect on July 1, the Yemeni team reported, without citing rules.

Olympics Minister Tamayo Morooka said on Friday a mem-