

## CHINA

## Say 'seas'!

Researchers pose for photos before boarding *Lanhai* (Blue Ocean) 101, China's largest marine fishery research vessel, in Qingdao, Shandong province, on Thursday. It is the vessel's first scientific mission since it was put into service last month. The ship will conduct research on the Bohai and Yellow seas.

ZHANG JINGANG / FOR CHINA DAILY



# White paper stresses security of outer space and cyberspace

Both have become closely connected with country's safety and development

By ZHAO LEI

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The Chinese military has been striving to safeguard the nation's security and interests in outer space and cyberspace, a newly-published white paper stated.

China's National Defense in the New Era, made public by the State Council Information Office on Wednesday, gives outer space and cyberspace the same weight as that of the nuclear force in China's national security, calling them "the major security fields".

This is the second time the security issues of outer space and cyberspace have been included in China's military white paper.

Compared with the first time the topics were raised in 2015, the texts pertaining to outer space and cyberspace in the new document are

shorter but use stronger wording in an apparent attempt to emphasize the increased importance of these spheres.

Senior Colonel Yan Wenhui, a researcher on military strategy at the Academy of Military Science of the People's Liberation Army, said that the military attached a higher level of importance to outer space and cyberspace in the new white paper because those domains have become closely connected with the country's security and development.

"As the scale of our national interests keeps expanding to more dimensions, the country's very existence and development are increasingly dependent on outer space, cyberspace and deep sea, and are facing challenges and threats from these fields," he said. "The militarization of outer space and cyber-

space by some world powers is on a fast track, and they are adopting technological edges and unfair rules to try to contain our peaceful use of outer space and cyberspace."

The white paper says that outer space is a critical domain in international strategic competition, and its security is strategically significant to national and social development.

With its goal of developing outer space for peaceful purposes, China is actively taking part in international cooperation endeavors in space.

The country is continuing its research and development of related technologies and capabilities, implementing integrated management of space-based information, tracking and monitoring space-related situations, protecting its space assets, and improving its exploration capability and development of space resources, according to the document.

In addition, the white paper lists cyberspace security as a "key area

for national security, economic growth and social development". It says that China is facing severe security threats from cyberspace.

In response, the Chinese military has been accelerating the construction of cyberspace forces and making all-out efforts to build defensive measures and capabilities commensurate with China's international status.

It will continue strengthening the country's "internet border defense", detecting and fighting against cyberspace invasion and ensuring information safety.

"(The military) firmly safeguards national cyberspace sovereignty, information security and social stability," the white paper reads.

According to Zhou Hongyi, chairman of China's biggest cybersecurity firm Qihoo 360, his company has identified more than 40 high-level cyberattacks known as advanced persistent threats that were directed at China by foreign organizations over the past several years.

# Ministry touts employment boom, focuses on grads

By CHENG SI

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Employment grew steadily in the first six months of the year, and helping college graduates find jobs remains a priority for the nation in the near future, senior officials said at a news conference held by the Ministry of Human Resources and Social Security on Thursday.

According to a release by the ministry at the conference, the creation of new jobs in urban areas from January to June reached 7.37 million, about two-thirds of the goal for this year.

The ministry said that by the end of June, the unemployment rate registered with the ministry in urban areas stood at 3.61 percent, decreasing by 0.22 percentage points year-on-year.

Zhang Ying, director of the ministry's employment promotion department, said that employment is in a rather stable condition thanks to sustained economic development and the establishment of numerous startups.

She said that in the past six months, about 19,400 new companies were registered per day on average nationwide, creating new jobs.

Furthermore, over 40,000 job fairs were organized by the ministry with over 50 million people receiving free consultations on job hunting.

Among job hunters, college graduates are still drawing the most attention from the central government, according to Zhang.

The release by the ministry shows that online open classes for college graduates will be launched by the ministry from August, providing information about the latest employment policies to the graduates and offering them guidance in preparing resumes and interview skills.

In addition, the ministry will

begin providing various services in August to graduates who have yet to find jobs, according to the release.

In August and September, the ministry will offer specific recruitment information and skills training programs to graduates, and job fairs will be organized both online and offline to help them gain quick access to available jobs.

"The employment of college graduates is important for economic transformation and the nation's future development," Zhang said. "Thankfully, the job market for college graduates has been showing steady progress so far."

# Landslide deaths prompt call for hazards scrutiny

The country's top emergency management apparatus has demanded local authorities watch areas with geological hazards around the clock after 15 people were confirmed dead in a landslide in Guizhou province on Tuesday.

Personnel should be organized to comb through areas that will be potentially stricken by mountain torrents, landslides and mudslides to identify hazards, and special attention should be paid to residential areas in mountainous areas, tourist attractions, construction sites and mines, the Ministry of Emergency Management said in a media release late on Wednesday night.

"People should be dispatched to closely watch 24 hours a day after identifying hazards so that problems could be reported and addressed in a timely manner," it said.

The landslide hit Pingdi village, Shuicheng county, at around 9:20 pm on Tuesday, ripping through a hillside area with 27 houses and swallowing 21 of them. The area, now covered by

about 2 million cubic meters of soil, has 23 households with 77 residents. Twenty-one of them were not at home when the tragedy happened.

Rescuers managed to pull 26 people from the site — 15 of whom were dead — and 30 remain missing. They resorted to excavators to unearth the buried buildings to look for survivors. Their efforts, however, were hindered by frequent mudslides on Thursday, as online video shows.

"After a new landslide in the morning, debris flows occurred every few minutes," an unnamed rescuer was quoted as saying by news website thecover.cn.

The rescuer also said rescue work in the lowest part of the landslide-stricken area was almost stagnant because of the frequent debris flows. The flows brought a lot of soil down, creating a huge pile. Furthermore, the area excavators could work on is very limited because soil in some places is too soft for their machines.

The ministry also asked relevant government bodies to intensify



Rescuers and dogs on Thursday look for people who are missing in a landslide in Shuicheng, Guizhou province. PROVIDED TO CHINA DAILY

monitoring and ratchet up efforts to post alerts on sudden rainstorms as well as floods and other geological disasters. Local authorities should draft detailed evacuation plans for residents living in areas prone to such disasters, it said.

The ministry, together with the Ministry of Finance, has distributed 30 million yuan (\$4.36 million) in disaster relief funding to Guizhou to cope with the aftermath of the disaster.

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# Shanghai airs milestone 5G livestream of surgery

By ZHOU WENTING in Shanghai  
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A major hospital in Shanghai aired the country's first live 5G broadcast of a surgery on an intestinal cancer patient using the Da Vinci Robotics System on Thursday in the latest effort to promote integrated medical development in the Yangtze River Delta region.

The live broadcast from Renji Hospital, affiliated with the Shanghai Jiao Tong University School of Medicine, allowed dozens of doctors in its branch in Ningbo city, Zhejiang province — 160 kilometers from the eastern municipality — and their peers in the Shanghai hospital to simultaneously observe each step during the 90-minute surgery with high resolution. It was just like being the surgeon in the operating room.

The Da Vinci system is an advanced robotic system designed to facilitate complex surgery using a minimally invasive approach that is controlled by a surgeon from a console.

The patient was a 65-year-old woman suffering from a tumor in her intestinal tract 5 centimeters away from the anus. The degree of difficulty for the surgery was high because the pelvis narrows in the lower regions, Min Jianying, deputy Party secretary of the hospital, said while watching the live broadcast of the surgery.

The operation was performed by Zhong Ming, deputy director of the hospital's gastrointestinal department, and broadcast to a demonstration classroom in the Shanghai hospital.

The hospital's Ningbo branch, which was established as an extension of Shanghai's high-quality medical resources in the Yangtze River Delta region, was put into operation in March. But Zhong, who works in both hospitals, soon found that the doctors in Ningbo did not have enough opportunities to observe complex cases and master corresponding techniques.

The hospital came up with the idea to air a live broadcast of a surgery with the Da Vinci system.

"It enabled doctors in Zhejiang



Zhong Ming, deputy director of Renji Hospital's gastrointestinal department, performs surgery on a cancer patient via the Da Vinci Robotics System in Shanghai on Thursday. PROVIDED TO CHINA DAILY

to clearly observe the complete operation with a broader view and more precise zooming into a specific area during the surgery," Min said. "The doctors can see clearly how Zhong operated on the blood vessels and nerves."

Zhong said that in the past they had attempted to use other technologies, including 3D glasses and virtual reality, during such broadcasts, but none offered the required visual sharpness and smoothness.

"The 5G network helps the medical circle solve the problem of data transmission of such robot-assisted surgeries," he said.

The incidence rate of intestinal cancer is around 60 out of 100,000 in the Yangtze River Delta region and has been rising, doctors said.

"Such live broadcasts are beneficial for young doctors throughout the region to learn the most advanced technology and further standardize surgical treatment, extending benefits to more patients," said Zhang Jidong, vice-president of Renji Hospital.

Zhong Guibin, a doctor from the Ningbo branch of Renji Hospital, said that this was the first time he had viewed a surgery with Da Vinci Robotics System, and it was impressive.

"Maybe one day, I'll be able to watch a live broadcast of a surgery in Shanghai through my phone with 5G network," he said.

# Former energy leader pleads guilty to bribery

Nur Bekri, former head of the National Energy Administration, pleaded guilty to the charge of taking bribes in an open trial on Thursday at the Shenyang Intermediate People's Court in Liaoning province.

From 1998 to 2018, Nur Bekri used his job positions to help others obtain projects, promote products and receive preferential policies in exchange for bribes worth 79.1 million yuan (\$11.5 million), according to the statement from the Shenyang People's Procuratorate in Liaoning.

The sentence will be given later, the court said in a statement.

Between 1998 and 2018, Nur Bekri served as deputy Party chief of Urumqi in the Xinjiang Uygur autonomous region, mayor of Urumqi and chairman of the region. He was appointed deputy



Nur Bekri

head of the National Development and Reform Commission and head of the National Energy Administration in 2014.

In September, he was placed under investigation by the Central Commission for Discipline Inspection and the National Supervisory Commission for "serious violations of Party discipline and laws".

In March, he was expelled from the Communist Party of China and removed from public office. His illegal gains have been confiscated.

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## Briefly

### BEIJING Guideline issued on university bookstores

The Ministry of Education has issued a guideline on promoting brick-and-mortar bookstores on university campuses. Universities and colleges should incorporate building bookstores into their campus construction plans, with no less than one such bookstore required per university, according to the guideline. The guideline asked universities and colleges to provide favorable conditions for such bookstores, including lower venue rentals and utility fees as well as more investment. University bookstores should increase supplies of excellent publications and recycle second-hand books, the guideline said.

### XINJIANG China to strengthen protection of relics

China will strengthen the protection and utilization of cultural relics from revolutionary times, according to a national meeting in Urumqi on Thursday. Based on a list of areas for the protection and utilization of revolutionary cultural heritage, the authorities will formulate action plans for specific provincial-level and city-level regions in the second half of the year, said Liu Yuzhu, head of the National Cultural Heritage Administration. In March, China unveiled the first list of 15 areas. Liu said a second list is expected to follow.

XINHUA