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Long March 90th

Xi Calls for New Achievements on New Long March

Chinese President Xi Jinping on Thursday called for new achievements on the new Long March as China commemorates the 90th anniversary of the victory of the Red Army's Long March.

"Only by remembering history can we create a brighter future," said Xi, also general secretary of the Communist Party of China (CPC) Central Committee and chairman of the Central Military Commission, when addressing a gathering held in Beijing to mark the anniversary.

Under Xi's proposal, all participants stood up and observed a moment of silence for the revolutionary heroes who gave their lives during the Long March and in revolutionary struggles across China.

From October 1934 to October 1936, the Red Army marched through more than 10 provinces during the Long March, opening up a new chapter in the Chinese revolution, Xi said.

"This earth-shattering revolutionary feat holds great significance in the history of our Party, country and military, and has a profound impact on our path toward the rejuvenation of the Chinese nation," he noted.

Xi stressed that the Party's right leadership and the establishment of Mao Zedong's core position were decisive for the victory of the Red Army's Long March.

The Party and the Red Army relied on firm conviction, Xi said, adding that troops with noble ideals and firm beliefs are invincible. Xi emphasized the importance of integrating the basic tenets of Marxism with China's specific realities in addressing the country's issues and problems.

He further underscored that the people will always be the source of strength and a strong support for the Party and the people's armed forces.

Xi said the great spirit of the Long March demonstrates the power of loyalty, truth, justice and unity. "It will always be a precious treasure and a powerful driving force inspiring us to overcome difficulties and forge ahead courageously."

He said the road of the Long March continues to extend. "On our new journey, we are now committed to realizing the Second Centenary Goal of building China into a great modern socialist country in all respects and advancing the rejuvenation of the Chinese nation on all fronts through a Chinese path to modernization," he said.

To forge ahead on the new Long March, Xi said, it is imperative to stay committed to the Party's ideals, convictions and purpose and rely closely on the people to create new achievements.

He underscored the need to unswervingly advance high-quality development and promote common prosperity for all.

Efforts must be made to better ensure both development and security and seize the historical initiative to overcome difficulties, combat risks and meet challenges, he stressed.

Xi also emphasized the importance of moving more quickly to reinforce the people's armed forces to world-class standards and adhering to the Party's absolute leadership over the military.

It is also vital to uphold the leadership of the Party, strengthen Party building and persevere with full and rigorous Party self-governance, he added.

Li Qiang, Zhao Leji, Wang Huning, Cai Qi, Ding Xuexiang and Li Xi, who are members of the Standing Committee of the Political Bureau of the CPC Central Committee, as well as Chinese Vice President Han Zheng, attended the gathering.

Zhao, who presided over the event, said Xi's speech was of immense political, ideological and guiding significance, urging earnest efforts to study and grasp its essence and ensure its effective implementation.

He called on the whole Party, the entire military and the Chinese people of all ethnic groups to rally more closely around the Party Central Committee with Xi at its core and strive to build a great country and advance national rejuvenation on all fronts through Chinese modernization.

Around 3,000 people participated in the gathering at the Great Hall of the People in Beijing.

Source: XINHUA



An event is held at the Central Red Army Long March Departure Memorial Park in Yudu county, Jiangxi province on October 6, to mark the 90th anniversary of the victory of the Red Army's Long March. (PHOTO: VCG)

STI Frontier

Photographing Earth's Magnetic Field with SMILE

By LU Zijian & LU Chengkuan

While human eyes can't see the solar wind interacting with Earth's magnetosphere, it is visible to SMILE, the Solar wind Magnetosphere Ionosphere Link Explorer jointly developed by China and Europe.

The first batch of SMILE's observation images and scientific data was released recently. Wang Chi, director general of the National Space Science Center (NSSC) of Chinese Academy of Sciences and Chinese principal investigator of the SMILE satellite, called it the satellite's successful demonstration of its Earth-observation imaging capability.

It can track the evolution of the magnetosphere on a global scale and acquire solar wind parameters in real time, providing a new means of observing geomagnetic storms, substorms and other space weather phenomena.

Looking for a candle in a sea of lights

The high-energy particles carried by the solar wind travel along magnetic field lines into the upper atmosphere over the polar regions, where collisions produce auroral emissions. Changes in the aurora's shape and brightness provide clues to the intensity and distribution of energy input from the solar wind into Earth's magnetosphere.

To see the aurora clearly, SMILE is loaded with an ultraviolet aurora imager, the core parts of which are a camera and an electric control case, to specifically capture the vacuum ultraviolet signals emitted by the aurora.

The challenge is that the auroral signal is seven to eight orders of magnitude fainter than the solar background. "It's like looking for a candle in a sea of lights and seeing the details of the flame," Wang Yongmei, a member of the research team and researcher at NSSC, said.

The camera must be capable of collecting, strengthening and imaging extremely weak ultraviolet aurora. Vacuum ultraviolet calibration is the key to testing and verifying whether the camera has such capability.

The lights in the ultraviolet band will be greatly absorbed in the atmosphere and are hardly discernible, so the installation, adjustment and performance test of the camera all have to be conducted in the vacuum tank.

Despite limited time, each design was subjected to whole-chain simulation and iteration, and each component was repeatedly tested in a vacuum environment.

Finally, in July 2026, the ultraviolet aurora imager successfully acquired ultraviolet aurora data in orbit.

Sensing extremely weak space magnetic field

After seeing the aurora clearly, the researchers were presented with the next challenge — to capture the magnetic field signals in space. *See page 3*

Chinese Products Gain More Popularity in First Three Quarters

By LU Zijian & ZHANG Jiaxing

In the first three quarters of 2026, China's equipment manufacturing industry played a leading role in the country's export, contributing nearly 90 percent of export growth, according to a recent press conference held by the State Council Information Office in Beijing.

The export value of ships exceeded 350 billion RMB, increasing by 24.6 percent. The export of 300,000-deadweight-tonne oil tankers, large liquefied petroleum gas carriers and liquefied natural gas carriers has all grown substantially, Wang Jun, vice minister of the General Administration of Customs of China, said.

The total export value of industrial robots reached nearly 10 billion RMB in the first three quarters. Exports of electric vehicles and lithium batteries increased by 72.3 percent and 36.4 percent respectively.

From fingernail-sized high-speed optical communication modules to AI computing server racks weighing several tonnes, Chinese companies are supplying the hardware that powers the global AI boom. Their products also span the energy sector, from household electrical wires to ultra-high-voltage converter transformers for long-distance, high-capacity power transmission, and from individual batteries to containerized integrated energy storage systems.

With these offerings, Chinese companies are providing practical, proven and reliable products, expertise and solutions to support global computing infrastructure, grid stability and secure electricity supplies, Wang said.

In the first nine months, China's export of integrated circuits surged by 99.1 percent, computer accessories by 2.1 times and storage components like solid state disks by 1.3 times. These Chinese products not only provided stable supply of middle products in the global computing industrial chain, but also facilitated the construction of global computing infrastructure, Wang said.

In power generation, exports of photovoltaic products rose by 10.3 percent, while exports of wind turbines and their components increased by 22.4 percent, helping meet global demand for clean energy. *See page 2*

International Cooperation

Chinese-built Port Changes Local Life in Cameroon

Edited by WANG Xiaoxia

At the Port of Kribi in southern Cameroon, flatbed trucks waiting to enter the port for loading stretch bumper to bumper for several kilometers, while vehicles leaving the port head inland fully loaded with cargo.

Fifteen years ago, Cameroonian President Paul Biya pledged that the Port of Kribi would become an important gateway for Cameroon and indeed the entire Central African sub-region to the Gulf of Guinea, at the groundbreaking ceremony for Phase I of the project. Today, that vision has become a reality.

This port was constructed and operated by China Harbour Engineering Company Ltd. (CHEC). In 2011, when the CHEC team arrived at the project site in Cameroon, they had to pass through narrow and bumpy paths, said Gu Gaobai, the general manager of the CHEC Cameroon project.

The construction period of the first phase of the port project is from 2011 to 2014, and that of the second phase is from 2019 to 2024. The small beaches have now been developed into a "Pearl of the Gulf of Guinea" covering an area of 26,000 hectares, including an industrial zone.

Since 2018, the industrial zone has attracted nearly 400 billion Central African francs in investment, issued over 90 permits for entry, and 18 enterprises have started operation.

The container throughput of the port exceeded 555,000 TEUs in 2025, and the total cargo volume in 2024 surpassed 12.7 million tons. Goods flow from Kribi to Gabon, the Central African Republic, Chad, Congo (Brazzaville) and Equatorial Guinea.

The construction and operation of the port not only improved the local infrastructure but also helped train a group of local employees. According to Gu, there were up to 2,000 local employees at the port project. Nowadays, these skilled workers continue to work on the construction of the industrial zone.

On the way to urban Kribi, vehicles are coming and going, pedestrians are walking, and shops and restaurants line both sides of the road. A local resident said that Kribi used to feel more like a village, with just one narrow dirt road. Now the roads are wide, shops have multiplied along the streets, and the port and related industries have created many jobs and business opportunities. "The Port of Kribi has transformed the entire city — and it has transformed my life too."

New Graphic



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