

Nantong report

Zhang Jian entrepreneur college ‘cloud college’ online

By Shen Wen and Chen Tiantong

On 11 May morning, Zhang Jian entrepreneur college media convergence center was established officially. New media matrix was online.

On 6 January 2021, Zhang Jian entrepreneur college was established, which was the first time to start education and training of entrepreneurs’ expectations and beliefs. Up to now, 167 training courses have been conducted,

there have been close to 14.5 thousand students. The education influence has spread out of Nantong, over the state. In April, Zhang Jian entrepreneur college, Nantong Daily Media Group, and Nantong mass data group built media convergence center together, according to the principle of ‘general planning, stage by stage application’, built four terminal platforms which are college website, client (App), wechat public account, and Tik Tok account, to form a new media matrix, and put the college in the ‘cloud’.

Beiyanjiang high speed railway Jiangsu section navigation analysis approved

By Peng Junjun

A few days ago, Ministry of Transport approved Beiyanjiang high speed railway Jiangsu section navigation analysis officially.

The length of Beiyanjiang high speed railway Jiangsu section is 364.9 km. The project passes areas with dense river network, involves close to 70 Jiangsu channels. The number of channels is large, the condition is complex, the transport is busy.

After 3 rounds of evaluation,

editing and approval from different levels of navigation assessment management departments, in a relatively short time, it passed the third party consulting organization - Tianjin research institute for water transport engineering of Ministry of Transport, consultancy of experts of Ministry of Transport, evaluation of water transport bureau of Ministry of Transport, and countersign of multiple bureaus and departments, and got official approval finally.

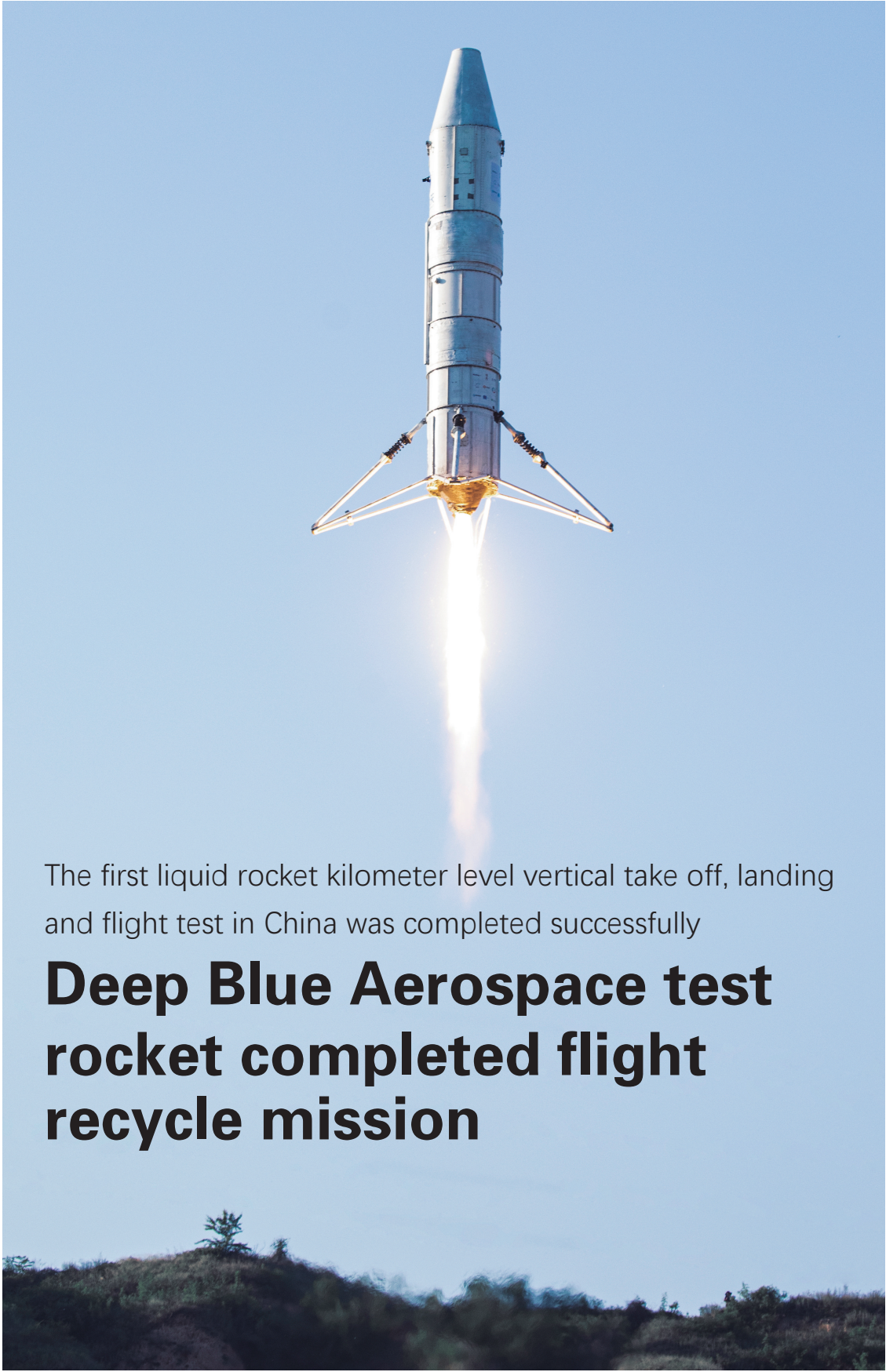
Rail transit line No.1 no passenger test run started

Expected to last 3 months

By Jiang Jiaojiao

At 9:28 am 8 May, driver of line No.1 Zhang Junqiu received dispatching order from rail transit control center, after confirmed travel certificate with voice and action, he pushed the main control handle, the train set off slowly from the departure station of line No.1, Pingchao station to terminal station Zhenxing road station. It was a sign that Nantong rail transit line No.1 phase 1 project test run was started officially.

The maximum speed of line No.1 train is 80 km/h, the maximum passenger capacity is 2132. ‘Test run is done after the preliminary check of rail transit civil and mechanical and electrical part is passed, and system joint test is completed. It is a no passenger operation. It is an essential intermediate part between construction stage to passenger transport operation stage.’ member of CPC Committee of rail transit company, deputy secretary of operation division CPC Committee and general manager Zhan Xiaoyi said, the test run is expected to last 3 months.



The first liquid rocket kilometer level vertical take off, landing and flight test in China was completed successfully

Deep Blue Aerospace test rocket completed flight recycle mission

By Ren Yibin and Huang Yanming

On 6 May, ‘Nebula-M’ No.1 test rocket researched and developed by Jiangsu Deep Blue Aerospace Co., Ltd. completed 1 km vertical take off, landing and flight test, the rocket moved horizontally while climbing and descending, and landed at less than 0.5

m from the ‘bull’s eye’ of the landing site. The test rocket was recycled successfully.

The ‘Nebula-M’ No.1 test rocket used in the kilometer level test, has carried out 3 flights, 7 ground static ignitions, realized recycle and reuse of liquid rocket; its ‘Leiting-5’ engine, is the first needle bolt liquid oxygen kerosene engine manu-

factured by 3D printing technology in China.

From July to October 2021, ‘Nebula-M’ test rocket has completed 10 m level, 100 m level VTVL vertical return flight tests successively, achieved two breakthroughs in domestic liquid oxygen kerosene rocket. In May 2022, the same rocket, reached new test height again.

Yangtze River tunnel boring machine crossing project reached 6666 m boring length ‘Changtong’ passed Yangtze River main channel successfully

By Peng Junjun

On 3 May, China Russia natural gas east pipeline (Yongqing-Shanghai) Yangtze River tunnel boring machine crossing project ‘Changtong’ TBM reached 6666 m boring length, and passed major risk source - Yangtze River main channel successfully. The tunnel boring machine entered uphill driving section. It is only 3600 m from the receiving well in the south bank.

Yangtze River tunnel

boring machine crossing project is the control project of China Russia natural gas east pipeline. Last ‘labour day’, the atmospheric pressure cutter head tunnel boring machine with smallest diameter in the world independently researched and developed by our country - ‘Changtong’ started assembly in the well. After a year, ‘Changtong’ has finished 6666 m boring length. The average monthly boring length is 555.5 m, which created a miracle again.

The total length of Yang-

tze River tunnel boring machine project is 10.226 km. After it is completed, it can transport ‘Russian gas’ from three northeastern provinces and Jing-Jin-Ji area to the Yangtze River delta area, to increase the emergency support capability of natural gas pipeline network in the Yangtze River delta area, satisfy the needs of regional natural gas industrial development and people's livelihood clean energy, improve the air environment of the Yangtze River delta area effectively, and reduce the carbon emission in waterway transportation.

234 Chongchuan convenient nucleic acid test sampling points in trial operation

By Feng Qirong

According to the standard of one station for every 5000 people in Chongchuan district, 234 normalized convenient nucleic acid test sampling points were planned, 89 sampling points for tertiary schools, enterprises, hospitals and mobile sampling points, and 145 fixed sampling points. From 11 May, the batch of convenient nucleic acid test sampling points have been put into trial operation gradually.

‘Most of the sampling points are open from 8 to 11 am, and 6 to 9 pm. A few points will have opening time according to practical conditions including number of visitors and needs of residents.’ vice director of Chongchuan health commission Lu Xinhua introduced that citizens could select sampling collection time freely during the period when sampling points are open.

Chongchuan district has cooperated with Nantong mass data administration bureau, will use high tech measures such as mass data, to launch sampling points real time ‘thermal diagram’, by then citizens can search for points with fewer people online, to realize efficient and intelligent sample collection.

The first bridge type grab ship unloader in Qidong exported to Indonesia



By Yuan Xiaojie

At about 8 am 11 May, at Qidong marine engineering and shipbuilding industrial park Watts Energy port, a 1000 ton/hour bridge type grab ship unloader was dispatched successfully. It would arrive at Indonesia after 10 days.

The bridge type grab ship unloader is 27 m wide, 70 m long, 51 m high. The weight is 870 tons. It is suitable for 10 to 40 thousand ton fertilizer carrier. The production period is 13 months. It was entrusted by German company, contracted by Jiangsu Watts energy and engineering Co., Ltd.. It will be used in Indonesian NPK chemical compound 500 thousand ton/year project. It is also the largest state owned chemical project in Indonesia.