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Economic policy

Korea to aggressively overhaul trade, investment regulations in 2023



+++ CITY EDITION

Danuri succeeds in 1st. lunar flyby maneuver

Lunar orbiter to perform five LOI maneuvers until Deb. 28

By Back Byung-youl

The Danuri lunar orbiter. Korea's domestically developed lunar orbiter, succeed in the first of five planned maneuvers for a LOIs will be carried out on Dec. lunar orbit flyby on Saturday, the 21, 24, 26 and 28. Korea Aerospace Research Institute (KARI) said Monday.

"The KARI carried out the Danuri's first lunar orbit insertion (LOI) maneuver as planned at 2:45 a.m., Dec. 17," the space agency said.

"The first maneuver was the most important one to ensure that the Danuri is stably captured by the Earth, the moon and the sun the moon's gravity and does not to enter lunar orbit. overshoot the moon," it added.

The space agency previously said the LOI process was carried in advance at a set time. But the progress before and after the LOI was monitored in real time on the KARI said.

analyzed orbit information for about two days and confirmed Monday that the Danuri reduced its speed from about 8,000 kilometers per hour to 7,500 kilometers per hour.

The Danuri is scheduled to perform five LOI maneuvers until Dec. 28 to settle into orbit 100 kilometers above the moon. Whether the space vehicle has entered lunar orbit properly will be confirmed on Dec. 29.

"The Danuri was captured by lunar gravity and now we can say it truly became a lunar orbiter that orbits the moon," the KARI said. The lunar orbiter's next four

Carried by SpaceX's Falcon 9 rocket, the unmanned Danuri was launched from Cape Canaveral Space Force Station in Florida on Aug. 5.

After being launched into space, it headed to the moon using a ballistic lunar transfer trajectory method that uses the gravities of

Once the lunar orbiter is confirmed to successfully settle into the moon's orbit, it will conduct out by automatically executing the initial operation of the paycommands sent to the Danuri load and the function test in January. From February, it will carry out scientific observation, the

The Danuri is equipped with After the first LOI, the KARI five pieces of observation equipment developed in Korea and a ShadowCam device from the U.S. National Aeronautics and Space Administration (NASA) that can observe the darkest parts of the moon's surface.

Science minister distances himself from KARI restructuring controversy

By Lee Kyung-min

Minister of Science and ICT Lee Jong-ho expressed hope, Monday, that an internal dispute over the organizational restructuring of Korea Aerospace Research Institute (KARI), the developer of the Nuri space rocket or KSLV-II, would be resolved soon. Nuri is a threestage launch vehicle, and the second rocket after Naro-1.

would return to work with full commitment remains to be seen has yet to revise early plans to non-research officials.

was a process that came from grams as well as administrative academic integrity and pride in management expertise, he added. technological research as a scientist," Lee said during a press conat the Sejong administrative city.

"I hope the figures who led the success of Korea's space programs would continue discussions within KARI and the ministry for the tively the ministry manages greater good and objectives. The government will provide consultation if need be," he added.

an agreement, especially when it concerns government policy directives, a reason why Lee called for an open mindset seeking a common ground.

"Ko will not altogether leave trative directives," Lee said.



speaks during a press conference with a group of reporters in Seiong

Whether six senior KARI KARI and serve as key researchresearchers, including Ko Jeong- er. I hope he will continue to hwan, head of KARI's Korea take senior positions within the Space Launch Vehicle II R&D state-run research institute to directorate, who offered to resign, fortify the country's science and

ICT capabilities." Meanwhile, the leadership of Observers say this is an unlikely the envisioned government orgascenario since the government nization, which Korea seeks to establish as the Korean version split the 243-strong department of the U.S. National Aeronauoverseeing the launch vehicle tics and Space Administration to one led by Ko left with five (NASA), will be filled with figures with a deep understanding "The recent offer of resignation of scientific and aerospace pro-

The organization separate from KARI will be launched ference with a group of reporters next year, a campaign pledge of President Yoon Suk-yeol. The launch will be overseen by the interior, industry, finance, defense ministries. How effecconflicts over the makeup of the organization will determine the success of Korea's ability to Not every decision leads to establish space programs, aeronautics and space research projects similar to NASA.

"The envisioned entity will need someone with an equal priority on science and adminis-