Russia's Nauka science module docks with ISS
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Life aboard the ISS for Russia's cosmonauts should become more comfortable with the extra legroom provided by Nauka.

Russia said it successfully docked the Nauka laboratory module with the International Space Station on Thursday—though the troubled unit caused yet another fright after accidentally firing and briefly throwing the entire station out of position.

The mission comes after more than a decade of delays and as Russia seeks to boost its space industry, which has fallen behind since the collapse of the Soviet Union and struggles to keep up with competition from the United States.

A few hours after docking, Nauka's propulsive devices unexpectedly fired, forcing personnel aboard the multinational manned orbital platform to fire thrusters on the Russian segment of the station to counter the effect.

The module started firing "inadvertently and unexpectedly, moving the station 45 degrees out of attitude," NASA said on Twitter. "Recovery operations have regained attitude and the crew is in no danger," it added.

In a press call, NASA's human spaceflight program chief Kathy Lueders called the incident a "pretty exciting hour", and praised the crew for stabilising the situation.

The US space agency also revealed that the SpaceX Dragon docked to the orbital station was powered up and ready to evacuate crew if needed.

An uncrewed test launch of a Boeing Starliner crew capsule to the ISS will be pushed back from Friday until at least August 3 while an investigation is underway.

Earlier, the Russian space agency Roscosmos showed the new addition to its segment of the ISS docking with the nadir (Earth-facing) port of the Zvezda service module at 1329 GMT.

"There is contact!!!" Roscosmos chief Dmitry Rogozin tweeted as Russia completed the first docking of an ISS module in 11 years.

It will now take several months and multiple spacewalks to fully integrate the module with the space station.

Decades in the making

The Nauka module blasted off last week from the Baikonur cosmodrome in Kazakhstan, carried by a Russian Proton rocket.

Nauka—which means "science" in Russian—will be primarily used for research and storing laboratory equipment.
‘We won't lie... We had to worry for the first three days,’ Roscosmos chief Dmitry Rogozin said of hiccups on the unit's eight-day voyage to the ISS.

It will also provide more storage space, new water and oxygen regeneration systems and improved living conditions for cosmonauts of the Russian ISS sector.

The Nauka multipurpose laboratory module was conceived as early as the mid-1990s when it was intended as a back-up for the Russian control module Zarya.

It was later repurposed as a science module but joined a line-up of stagnating Russian space projects that have fallen victim to funding problems or bureaucratic procedures.

The launch of the 20-tonne Nauka—one of the largest modules on the ISS—was initially scheduled for 2007 but has been repeatedly delayed over various issues.

While last week's launch was successful, Nauka experienced several "hiccups in orbit" during its eight-day journey to the ISS, the European Space Agency said.

"We won't lie... We had to worry for the first three days," Rogozin told journalists after Nauka had docked, according to the RIA Novosti news agency.