

Press Release 22-13
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Press release

FIRST ARIANE 5 LAUNCH OF 2022 IS A SUCCESS, SUPPORTING TWO LOYAL CLIENTS OF ARIANESPACE: MEASAT (MALAYSIA) AND NSIL (INDIA)

- **The Ariane 5, operated by Arianespace, has successfully placed two telecommunications satellites into geostationary orbit: MEASAT-3d for the Malaysian operator MEASAT, and GSAT-24 built by the Indian Space Agency ISRO on behalf of NSIL.**
- **Carrying out its first mission of the year, and the 113th overall, Ariane 5 once again demonstrates its exceptional reliability.**
- **Mission VA257 will improve broadband coverage in the Asia-Pacific region and represents another commercial success for Ariane 5 in the Asia-Pacific market.**

On Wednesday, June 22, 2022 at 06:50 pm local time, an Ariane 5 launcher lifted off from the Guiana Space Center, Europe's Spaceport in Kourou, French Guiana (South America), successfully orbiting two geostationary telecommunication satellites, MEASAT-3d and GSAT-24.

"With this Ariane 5 mission, Arianespace is honored to support the ambitions of two key actors in the Asia-Pacific region: MEASAT, the leading Malaysian satellite operator and NewSpace India Limited (NSIL), a Government of India company within the Department of Space (DOS) acting in concert with the Indian Space Agency ISRO. With the orbiting of both MEASAT-3d, the fourth satellite that we've launched for the benefit of Malaysia, and GSAT-24, the 25th Indian satellite we've delivered for them, we are affirming our long term partnership with these two great actors," declared Stéphane Israël, CEO of Arianespace.

MEASAT-3d, to be co-located with MEASAT-3a and MEASAT-3b in the 91.5°E orbital slot, is a multi-mission telecommunications satellite built by Airbus Defence and Space. It will significantly enhance broadband speeds of up to 100 Mbps per user in areas with limited or no terrestrial network throughout Malaysia, while continuing to provide redundancy and additional capacity for video distribution in HD, 4K, and ultimately 8K in the Asia-Pacific region.

MEASAT-3d will also carry an extremely innovative payload on behalf of the Korean operator KTSAT. Conceived by Airbus Defense and Space, it will be used by the Korean Augmentation System (KASS), a project of the Ministry of Land, Infrastructure and Transport led by KARI, the Korean Space Agency, to significantly improve air traffic control in South Korea.

GSAT-24 is a Ku-band 4-ton class communications satellite built by the Indian Space Research Organization (ISRO) for NewSpace India Limited (NSIL) that will provide high-quality television, telecommunications and broadcasting services across India. It will be the first "Demand Driven" communications satellite mission undertaken by NSIL.

"After the successful launch of the James Webb Space Telescope, this new achievement helps Ariane 5 write a new chapter in space history", said André-Hubert Roussel, CEO of ArianeGroup. *"Ariane 5 demonstrates its reliability once again, justifying the trust of Arianespace's customers*

worldwide. Its successes are tied to Ariane 6, which benefits from the same reliability along with increased competitiveness and versatility.”

The Ariane 5 heavy-lift launcher is an ESA program carried out in cooperation between public institutions and industry across 12 European partner states.

ArianeGroup is the lead contractor for the development and production of Ariane 5, and is responsible for campaign operations and preparation of the launch vehicle up to lift-off. ArianeGroup hands over a “ready to fly” rocket to its subsidiary Arianespace, which sells the Ariane 5 and operates it from the Guiana Space Center in French Guiana. During launch campaigns, Arianespace works closely with CNES, who is the design authority for the Ariane 5 and controls the satellite preparation facilities at the CSG.

After this launch, four Ariane 5 vehicles remain before the Ariane 6 takes up the baton, supporting Europe’s institutional missions, while meeting the growing needs of the commercial market.

THE LAUNCH AT A GLANCE

341st

Arianespace launch

1,137

satellites launched by Arianespace

2nd

Arianespace launch of 2022

The launch was carried out on **June 22, 2022** from the Ariane 5 launch complex in Kourou, French Guiana at 06:50 pm local time (09:50 pm UTC)

113th

Ariane 5 launch from CSG

9807 kg

Total payload carried by the launcher for this mission

88^m

launch in a row with nominal operation of the Vulcain 2 main-stage engine

113th

launch in a row with nominal operation of the solid boosters

153rd

launch in a row with nominal operation of the HM7B upper-stage engine

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About Arianespace

Arianespace uses space to make life better on Earth by providing launch services for all types of satellites into all orbits. It has orbited over 1,100 satellites since 1980. Starting in 2022, Arianespace will operate the new-generation Ariane 6 and Vega C launchers, developed by ESA. Arianespace is headquartered in Evry, near Paris, and has a technical facility at the Guiana Space Center in French Guiana, plus local offices in Washington, D.C., Tokyo and Singapore. Arianespace is a subsidiary of ArianeGroup, which holds 74% of its share capital, with the balance held by 15 other shareholders from the European launcher industry.

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About ArianeGroup

ArianeGroup is lead contractor for Europe’s Ariane 5 and Ariane 6 launcher families, responsible for both design and the entire production chain, up to and including marketing by its Arianespace subsidiary, as well as for the missiles of the French oceanic deterrent force. The group is a joint venture equally owned by Airbus and Safran, and employs approximately 7500 highly qualified staff in France and Germany. ArianeGroup develops and supplies innovative and competitive solutions for civil and military space launchers, with expertise in all aspects of state-of-the-art propulsion technologies. ArianeGroup and its subsidiaries enjoy a global reputation as specialists in the field of equipment and propulsion for space applications, while their expertise also benefits other industrial sectors. Its 2020 revenues amounted to 2.7 billion euros.

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