

INDRA GROUP DESIGNS AND DEVELOPS STARTICAL'S IOD-2 SATELLITE MISSION

- The company has been tasked with the mission's engineering, including designing, developing and integrating the payload of the satellite launched by Startical
- Its high-power VHF amplifier will be key to maximizing the efficiency of satellite communications in remote areas by using the largest VHF antenna ever launched into space
- The development cycle has been completed in only two years, a testament to Indra Group's ability to address end-to-end space projects as a unique player in the sector in Europe

Madrid, June 24, 2025.- Indra Group has further strengthened its standing as a key player in the European space sector by successfully completing the development of the engineering for the mission involving the IOD-2 satellite of Startical, a company created by ENAIRE and Indra to provide communication and surveillance services via space and improve air traffic management. The demonstrator satellite which has been launched will contribute to the development and design of the future constellation of over 200 low-orbit satellites set to provide global coverage and transform aviation, delivering greater efficiency, capacity and sustainability around the world.

The company has been tasked with designing, developing and integrating the satellite's payload, the first one fully developed by Indra Group to be launched. The entire mission cycle, including the avionics development, has been completed in a record two-year period.

The payload is based on an advanced high-power VHF amplifier that's key to enabling long-range satellite communications, particularly in oceanic and remote areas without any current coverage. The amplifier, developed by Indra Group, will facilitate new tests as part of the IOD-2 mission. With its VHF antenna measuring nearly four meters, the largest ever built and launched into space, the aim of the Startical-led mission is to demonstrate the effectiveness and robustness of the system for real-time voice, data and aeronautical surveillance communications via space.

"This project for IOD-2 not only reflects the technological maturity of Indra Group's solutions for a sector as highly demanding as space, it also shows that we're fully capable of taking on the leadership of comprehensive space missions, with critical technologies validated and qualified for the purpose. This milestone offers proof of our status as a reliable and internationally competitive strategic integrator", declared Fernando García Martínez-Peñalver, Indra's director of Space.

This achievement reflects Indra Group's progress toward its goal of becoming one of Europe's leading companies in the space sector. With the creation of Indra Space, the company will be able to cover the entire value chain of a space project, from mission design to satellite development and manufacturing, ground segment deployment and mission operations.

Indra Group's potential for space capabilities is complemented by its leadership and standing as one of the major global benchmarks for air traffic management, a field in which it has deployed systems in over 11,000 facilities around the world, with one of the most advanced technological portfolios for the gate-to-gate management of a flight, from the moment it takes off until it reaches its destination.

About Indra Group

Indra Group (www.indracompany.com) is a holding company that fosters technological progress, which includes Indra, one of the leading global defence, air traffic and space companies, and Minsait, a leader of the digital transformation and information technologies in Spain and Latin America. Indra Group paves the way to a safer and better-connected future through innovative solutions, trusted relationships and the very best talent. Sustainability is an integral part of its strategy and culture in order to overcome current and future social and environmental challenges. At the close of the 2024 financial year, Indra Group posted revenues of €4.843 billion and had a local presence in 46 countries and business operations in over 140 countries.

About Startical

Startical is a public-private company comprising Indra and ENAIRE, approved by the Council of Ministers, that will position Spain as a benchmark for air navigation satellite services worldwide. The initiative will seek to deploy over 200 small low-orbit satellites to improve air traffic management while expanding coverage in oceanic and remote areas. Startical will pioneer the integration of ADS-B surveillance into VHF radio communication between controllers and pilots, in accordance with the aeronautical standards. It has launched its first two satellites to validate the technology in orbit in 2025. With these breakthroughs, the initiative will improve the safety, efficiency, and sustainability of global air traffic, while facilitating the creation of new routes, and contributing to the reduction of operating costs and CO₂ emissions.

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