

INDRA DEVELOPS A HIGH-SPEED SATELLITE TERMINAL THAT ENHANCES SUBMARINE OPERABILITY AND PREPARES THEM FOR FUTURE STRATEGIC CHALLENGES

- The TSUB-40Ka uses the military Ka band, which enables the development of more compact systems adapted to the space constraints of submarines, and provides user data rates above 1 Mbps
- Indra's terminal has been certified by HISDESAT to operate with the SpainSat NG satellite, ensuring secure, high-capacity connectivity based on sovereign infrastructure
- These capabilities help improve communications resilience against interference, cyberattacks and adverse conditions in the space environment

Madrid, March 27, 2026.— Indra has completed the development and certification testing of its new satellite communications terminal for submarines, the TSUB-40Ka, a more compact system with higher transmission speed that significantly boosts the operational capabilities of modern submarines.

The terminal uses the Ka band which, unlike the traditional X band (for military use) or Ku band (for civilian use), allows the use of more compact antennas and offers higher transmission speeds, enabling broadband communications on platforms with severe space constraints, such as submarines.

The use of Ka-band terminals also provides a significant operational advantage by combining the robustness of military standards (MIL-STD/STANAG) with advanced connectivity capabilities.

The certification of the TSUB-40Ka by HISDESAT to operate with the SpainSat NG system —a satellite integrating X, military Ka and UHF bands— ensures secure, high-capacity, sovereign-infrastructure-based connectivity, ready to meet the strategic challenges of the coming decade.

With this development, Indra is responding to the growing need to incorporate higher-bandwidth communications capabilities into demanding operational environments.

The TSUB-40Ka terminal enables submarine platforms to take advantage of the advanced capabilities of the new Ka-band satellite systems, such as SpainSat NG, expanding secure connectivity options for governmental and military operations. These capabilities help enhance communications resilience against interference, cyberattacks and adverse conditions in the space environment.

Indra is a leading defence company with a strong presence in the naval domain, acting as a technology partner to major international shipyards. The world's most advanced navies operate its electronic warfare systems, radars, communications solutions and a wide range of sensors. The company develops increasingly advanced solutions to boost connectivity and multidomain combat capability. It is a pioneer in the creation of the naval combat cloud and in technologies for seabed protection. This experience consolidates its position as a key supplier of next-generation naval capabilities.

About Indra

Indra (www.indracompany.com) is one of the leading global technology and consulting companies, world leader in engineering technology for aerospace, defense and mobility business, and that heads digital transformation consultancy and information technologies in Spain and Latin America through its affiliate Minsait. It is the technology partner for digitalization and core business operations of its customers worldwide thanks to its business model, based on a comprehensive range of proprietary products, with a high-value end-to-end focus and a high degree of innovation. Sustainability is part of its strategy and culture, to face present and future social and environmental challenges.

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