

## **Navantia's second S80 submarine starts tests and safety milestones**

**Cartagena, March 11th, 2025** - The S-82 'Narciso Monturiol' submarine, second of the series of four that Navantia is building for the Spanish Navy, has successfully accomplished its first safety milestone: the "power up" of the equipment.

The "power up" consists of the start-up of the main and emergency electrical distribution networks. From the completion of this milestone, the various equipment can be safely powered from their distribution panel.

The "power up" is the first safety milestone planned within the Safety Milestones Management Plan of the S-80 Program, which aims to establish a framework that demonstrates that the construction and testing process of the S-80 Program submarines is carried out in a way that ensures the lowest possible risk level.

### **More than 1,500 harbour tests**

As a complement to the safety milestone, the first Harbour Acceptance Tests of the S-82 'Narciso Monturiol' submarine have been carried out, as part of a program that includes more than 1,500 verifications, including acceptance and builder tests.

These milestones show the satisfactory advance of the S-80 program, with the first submarine already in service for the Spanish Navy, and the second one accomplishing these tests prior to its launching, scheduled for next summer.

The S-80 submarines have a total length of 80.8 meters, a diameter of 7.3 meters, and a submerged displacement of around 3,000 tons. Among their technological contributions are the combat and platform control system from Navantia Sistemas, and a revolutionary anaerobic propulsion system developed by Navantia that provides great stealth in immersion, called BEST-AIP. This air-independent propulsion system allows it to obtain electrical energy from fuel cells using technology from the aerospace sector, at any depth. Thus, it can remain submerged for weeks without surfacing, which improves its discretion, the main attribute of a submarine.



The S-80s are the most advanced conventional (non-nuclear) submarines in the world, which have aroused the interest of several navies from other countries like Poland or Canada and opened a door to the international market in a highly technological sector.

**About Navantia:**

*With a history of over 300 years linked to the construction of ships for the Navy, Navantia is a public and strategic technology company for the defense of Spain. Its areas of specialization range from naval construction (surface and submarine) to the design and integration of high-tech systems and lifecycle support and high value-added services. Additionally, under its Navantia Seanergies brand, it is a global provider for the development of offshore wind energy and other green energies such as hydrogen. Navantia directly employs around 4,000 people in Spain, mainly at its headquarters in Ferrol and Fene (A Coruña), Puerto Real, San Fernando, Cádiz and Rota (Cádiz), Cartagena (Region of Murcia) and Madrid.*

*Committed to building a safe and sustainable future through technological excellence and industrial collaboration, Navantia has contracts with governments and companies around the world and ties with universities and technological and academic centers. Due to its social responsibility as a public company and as a driving force of an entire industrial ecosystem, it contributes to sustainability and innovation with its daily commitment to people and the planet, with responsible practices from a labor, environmental, and economically viable development perspective regionally, nationally, and internationally. It is 100% owned by the Spanish Society of Industrial Participations (SEPI, attached to the Ministry of Finance and Public Function of Spain).*

COMMUNICATION DIRECTION

Carolina Jiménez: [cjimenez@navantia.es](mailto:cjimenez@navantia.es) +34 600905518

José Andrés Elgarresta: [jaelgarresta@navantia.es](mailto:jaelgarresta@navantia.es) +34 626100040