

# FERSAH | 100-S FA

FLANK ARRAY SONAR

#NavalSystems



aselsan

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## FLANK ARRAY SONAR

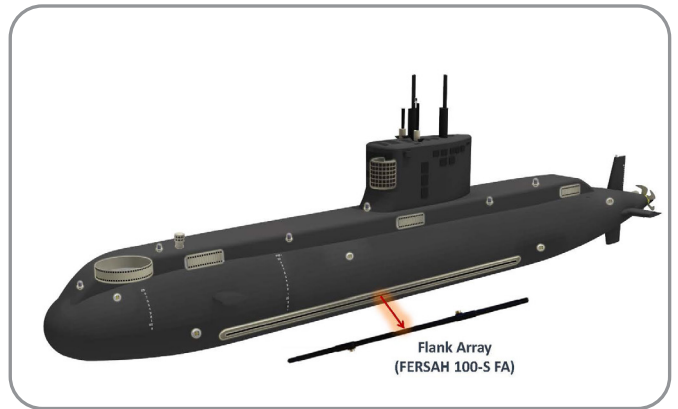
FERSAH 100-S FA is a passive sonar operating in the low and medium frequency range, used to listen to and analyze acoustic waves from underwater to assist in detecting/identifying environmental noise. The signals received are processed by the CMS (Combat Management System) employed in submarine for determining bearings. Indigenously developed and manufactured underwater connectors and Pressure Hull Glands (PHG), which will be integrated with this sonar array, are also included in this solution.

FERSAH 100-S FA consists of,

- Sensor column groups that receive sound signals and convert them into electrical signals,
- Spider-like structures that facilitate the installation of the sensor column groups on the submarine,
- Cables that transmit signals and power, laid on the submarine,
- Pressure Hull Glands (PHG) that ensure the transmission of signals and power in and out of the submarine.

### General Specifications

- Digital communication
- Located on the starboard and port side of submarine and between the pressure hull and the outer hull



Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .