



CYLINDRICAL ARRAY SONAR

#NavalSystems



aselsan

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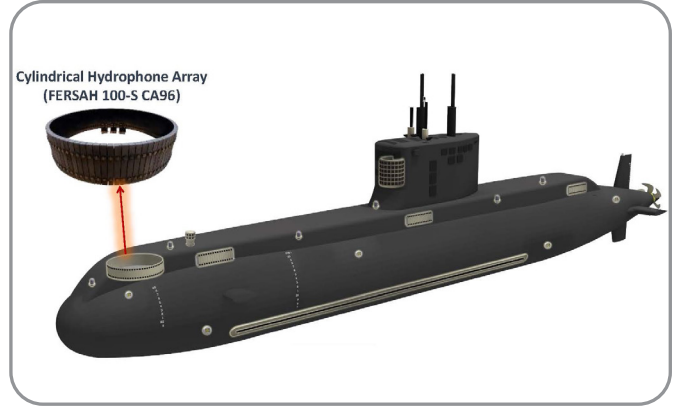
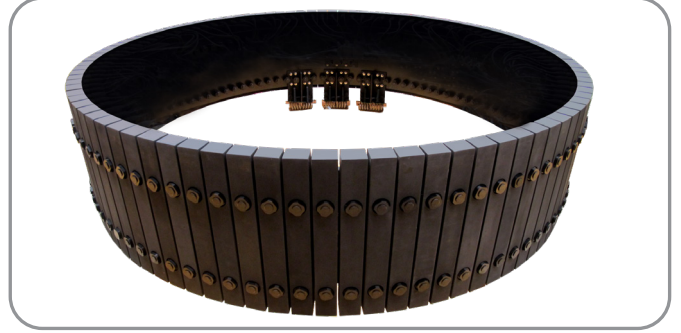
FERSAH 100-S CA96 is the primary sensor of the submarine. It is a passive sonar that helps listen to and identify acoustic waves coming from underwater within the medium and high-frequency range. The received signals are used by CMS (Combat Management System) employed in submarine for bearing determination. 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 CA96 consists of

- Sensor columns that receive sound signals and convert them into electrical signals,
- A cylindrical composite framework on which the sensor columns are mounted,
- Cables laid on the submarine that transmit signals and power,
- Pressure Hull Glands (PHG) that ensure the transmission of signals and power in and out of the submarine.

General Specifications

- 360° coverage area
- Digital communication
- Located between the pressure hull and the outer hull at the head of the submarine



Cylindrical Hydrophone Array
(FERSAH 100-S CA96)

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