

FERSAH | 100-S AO

ACTIVE OPERATING SONAR

#NavalSystems



aselsan

FERSAH | 100-S AO

ACTIVE OPERATING SONAR

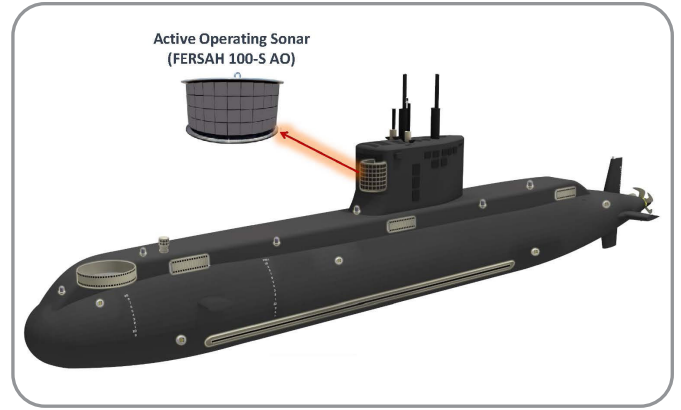
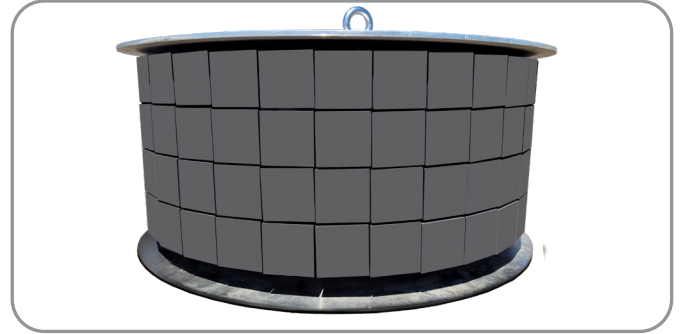
FERSAH 100-S AO is an active sonar capable of broadcasting at high frequency, and used by the CMS (Combat Management System) employed in submarine to determine the distance of underwater objects/targets. Indigenously developed and manufactured underwater connectors and Pressure Hull Glands (PHG), which will be integrated with this sonar array, are also included in this solution.

FERSAH 100-S AO consists of,

- Transducers that receive the applied electrical signal and convert it into a sound signal,
- Cylindrical metal frame on which the transducers are mounted,
- Cables laid on the submarine that transmit the signal,
- Pressure Hull Glands (PHG) that ensure the transmission of signals and power in and out of the submarine.

General Specifications

- 270° coverage area
- Located between the pressure hull and the outer hull in the sail part of the submarine



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