

FERSAH

100-S ONAA, 100-S ONAH
OWN NOISE ANALYSIS SYSTEMS

#NavalSystems



aselsan



FERSAH

100-S ONAA, 100-S ONAH OWN NOISE ANALYSIS SYSTEMS

FERSAH 100-S ONAA is an accelerometer operating in the low frequency range, the signals received are used by the CMS (Combat Management System) employed in submarine to detect and analyze own noise of submarine.

FERSAH 100-S ONAH is a sensor operating in the low, medium and high frequency range, the signals received are used by the CMS employed in submarine to detect and analyze noise outside the rigid hull.

FERSAH 100-S ONAA and ONAH consist of,

- Hydrafones that receive sound signals and convert them into electrical signals,
- Accelerometers that receive vibrations and convert them into electrical signals,
- Sensor electronics that pre-process and digitize the signal received from the hydrafones,
- Cables lain 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

- ONAA: Located in the pressure hull and placed strategically
- ONAH: Located between the pressure hull and the outer hull and placed strategically

