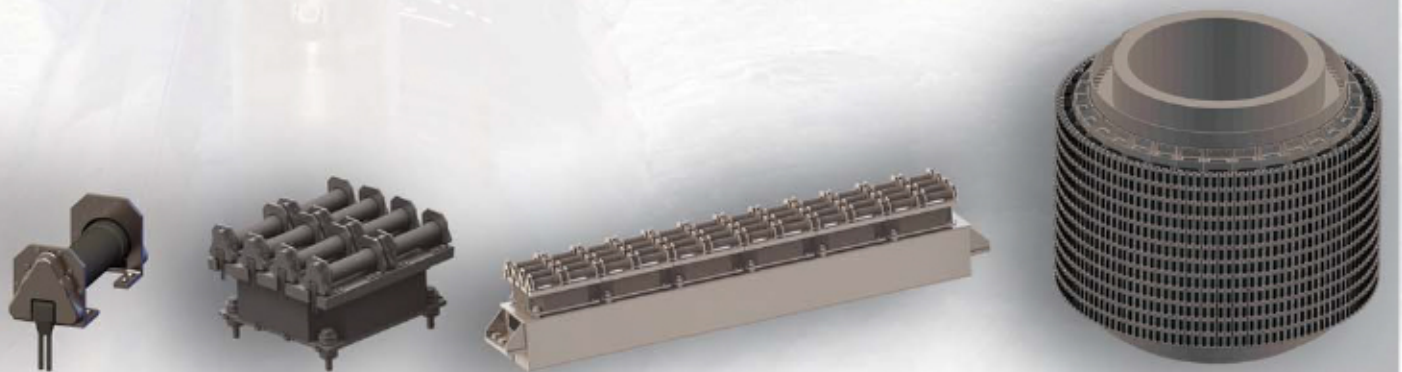


Integration, Installation and Commissioning of Sonar Arrays

Passive Surveillance Array

Passive Surveillance Array (PSA) is used for long range detection and ranging of other platforms. PSA is the primary means of detection, bearing and range estimation and tracking of targets. PSA permits acquisition of signals in order to detect targets at long ranges commensurate with the weapon capabilities and also permit detection at short ranges.



Flank Array & Conformal Array

Flank arrays and Conformal arrays are the part of passive SONAR system. In Flank Array, Piezoceramic Flank Array panels are mounted on the both sides of submarine. In Conformal Array, panels are mounted inside dome. Both CA & FA are used for the long range detection of other platforms and targets.

