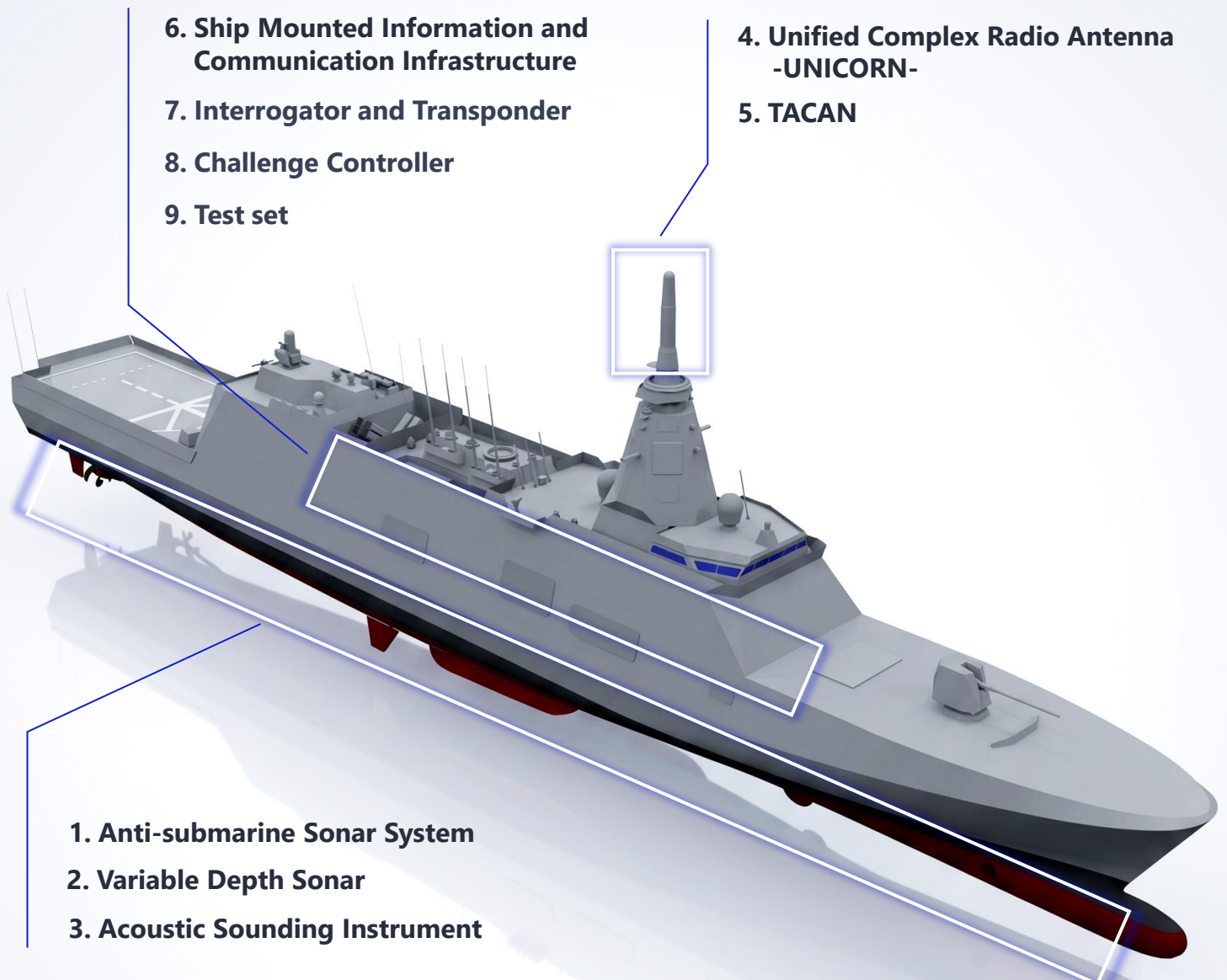


Australian General Purpose Frigate "SEA3000"

NEC has signed a contract with the Australian Government to supply nine types of defense equipment for the Royal Australian Navy - General Purpose Frigate program (SEA3000).

【9 items to be supplied】



** Image courtesy of Mitsubishi Heavy Industries, Ltd.

Overview of Each Component

1 **Anti-submarine Sonar System**

Anti-Submarine Sonar System delivers enhanced situational awareness and weapon coordination for anti-submarine warfare.

2 **Variable Depth Sonar**

The Variable Depth Sonar enhances anti-submarine detection by deploying an acoustic source at optimal depths based on environmental conditions.

3 **Acoustic Sounding Instrument**

Acoustic Sounding Instrument (Echo Sounder) provides accurate depth measurement to support safe navigation and seabed awareness.

4 **Unified Complex Radio Antenna -UNICORN-**

UNICORN is a compact integrated antenna system that enables efficient communication through seamless connection with onboard devices

5 **TACAN**

TACAN system provides aircraft in flight with bearing and distance information relative to the ship, supporting aircraft navigation and operational coordination.

6 **Ship Mounted Information and Communication Infrastructure**

Ship Mounted Information and Communication Infrastructure delivers situational awareness, decision support, and secure onboard network management for effective operations.

7 **Interrogator and Transponder | Challenge Controller | Test Set**

8
9

The IFF system identifies friendly forces through interrogation signals and transponder responses. Integrating both Interrogator and Transponder functions, it enhances identification capabilities.

