

MİLGEM-5

NAVAL COMBAT SYSTEM PROJECT



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Project Description

Within the scope of MILGEM 5 Project carried out by SSB for the demand of Turkish Navy; supply, integration, testing, EMI/ EMC analysis, tests and ILS activities of Combat Systems will be conducted by ASELSAN.

Vessel Missions

- Surface warfare
- Anti-submarine warfare
- Anti-air warfare
- Surveillance
- Patrol and tactical picture compilation

Self Protection Systems

- Laser Warning System (GLIS)
- Electronic Warfare Support System (ARES-2Nv2/E)
- Electronic Warfare Attack System (AREAS-2NC/E)
- Torpedo Countermeasure System (HIZIR)
- Chaff Decoy Launcher System

Gun Control Systems

- Gun Fire Control System (76 mm TAKS)
- ESSM/HİSAR Fire Control System
- Fire Control Radar (AKREP)
- Target Illumination Radar

Navigation Systems

- Navigation Radar (x2)
- LPI Radar (ALPER-P)
- Meteorological Measurement System (DEMES)
- Echo Sounder (KULAÇ)
- Naval Inertial Navigation System (ASELSAN ANS-510D) (x2)
- Speed Log
- Magnetic Compass
- WAIS
- DGPS / GPS (Military and COTS)

Underwater Systems

- Sonar System (FERSAH)
- XBT/XSV System

Integrated Communication System

- Communication Control System
- Internal Communication System
- Communication Control System
- Alarm-Announcement System
- Satellite Communication System (X-Band & Ku-band)

Search Identify Systems

- Naval 3-D Search Radar (CENK)
- Identification Friend or Foe (IFF) System
- Electro-Optical Reconnaissance and Surveillance System (ASELSAN SeaEye-AHTAPOT)
- Infrared Search and Track System (IRST)

Weapon Systems

- 76 mm Gun System Integration
- Stabilized 12.7 mm Machine Gun Platform (STAMP)
- Harpoon AHWCS-II Integration
- RAM System Integration
- Torpedo Launcher System

