ARES | 2-N

NAVAL PLATFORM RADAR
ESM SYSTEM

#ElectronicWarfare

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NAVAL PLATFORM RADAR ESM SYSTEM

ARES 2-N is a modern, field proven ESM System solution for surface platforms from ASELSAN for today's and tomorrow's high-density signal environments and complex threats. ARES 2-N intercepts, detects, identifies tracks radar signals with precise parameter measurement and accurate DF, characterizes advanced emitters and provides automatic identification capability via Mission Data File (MDF).

Technical Features

- Wide-Band Microwave Receiver Architecture
- High Gain Antenna Array
- 360° Direction Finding (Amplitude Comparison Method)
- Short Reaction Time
- High Probability of Intercept (POI)
- Low Probability of False Alarm
- Audible and Visual Alarms for Lock-on, CW Emitters, Guided Missiles etc.
- Very Long Range Low Probability of Intercept (LPI) Signal Detection
- Inter-Pulse Analysis
- Frequency, PRF, PW, Antenna Scan Type/Period, Modulation Type Measurements
- Digital Recording of Intercept File
- Interface with Combat Management System (CMS)
- Blanking Interface with the On-Board Emitters
- MIL-STD-810F Compatible Environment Characteristics
- MIL-STD-461E Compatible EMI/EMC Characteristics

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