

Communication Intelligence (COMINT) System – NAYAN

NAYAN is a Communication Intelligence (COMINT) system for Ship borne platform covering V/UHF frequency band. The system is capable of interception, monitoring, Direction Finding and Analysis of communication signals in this band

Salient features and Technologies Involved:

1. Five channel Scan Direction Finding sub system for fast spectral search, reconnaissance and real time accurate direction finding
2. 2-channel monitoring and analysis sub system for analysis, monitoring and recording (voice and data) of communication signal
3. Provides an instantaneous azimuth coverage of 360° and elevation coverage of $\pm 15^\circ$.
4. Capability to detect Burst, Frequency Hopping and data transmission signals.
5. Capability of data demodulation and signal classification.

Current Status:

The system is undergoing User Evaluation Trials on the platform.

Industry Partners:

15 MSMEs are involved in the development of the System. M/s BEL, Hyderabad is the production agency.

