



Maritime Communications

INTEGRATED COMMUNICATIONS SYSTEM (ICS) &
SUBMARINE ANTENNA SYSTEMS

FEATURES

- Integrated Communications System (ICS): suitable for all classes of vessels and submarines
- Submarine Antenna Systems: for mobile applications with limited space, especially on board of conventional submarines





Maritime Communication

APCOS®4000 - Advanced Platform Communication System

Internal / External Communications System based on Ethernet standards.
Routing and Switching of voice and data communications and control signals.

VCT - Voice and Control Terminal

Voice and Control Terminals are user terminals located throughout the ship. They provide the user with access to the ship's internal and external communications facilities and also with control capabilities.

Node

The APCOS - Nodes route dynamically the entire flow of the payload and control signals among the system and links the peripheral communication equipment to the backbone. The Nodes will heal the backbone by reconfiguration in case of faults.

TAU

Terminal Adapters (TAs) interface the attached communication equipment to the APCOS®4000 system.

COSYMA

- System and Network Management and Control
- Control of Radio Devices and other Communication Equipment



SAMMS°7 - Secure Automatic Military Messaging System (MMHS)

- Conform to military messaging protocols ACP127/ACP128
- Transmit and receive messages in a LAN environment
- Integration with other systems
- Multilingual support (incl. Arabic)



Submarine Antenna Systems

AT-4000 Series - Multifunctional Antenna System

AT-5000 Series - UHF-SATCOM - DAMA Multifunctional Antenna System

AT-7000 Series - Multifunctional and Military Intelligence Antenna System
with dual interface, a signal splitter to connect any radio, signal analyzer/recorder system

RFDU - Radio Frequency Distribution Unit (Tx-Rx)



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