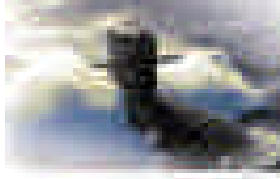


Half a Century of Military Expertise



Since 1951, L-3 Communications/PacOrd has provided cost-effective technical and engineering support to the United States Navy. L-3/PacOrd's experience encompasses shipboard repair, installation, modification and testing of combat systems on all classes of United States Navy ships.

L-3/PacOrd has over two decades of experience in manufacturing, installing

and testing custom-engineered MILSPEC waveguide systems used for high- and low-power surface and air search radar, communication systems (EHF and SHF SATCOM) and electronic countermeasures systems aboard Navy ships and shore bases. L-3/PacOrd does not mass-produce waveguide components, but custom-designs high-quality perfect-fit solutions for each individual situation. This saves customers time and money by eliminating operational problems associated with "force-to-fit" waveguide runs.



Military Qualifications, Services and Capabilities

- Combat Systems Readiness Review (CSRR)
- Combat systems installation, integration, test and evaluation
- Command Decision Systems (CDS)
- Communication systems
 - Satellite Communications (SATCOM)
 - LF, HF, UHF, VHF, EHF, SHF systems
- RADAR systems
 - Surface and air search
- SONAR
 - Fixed and variable depth
- Navigation
 - NAVAIDS
- Waveguide
 - Targeting
 - Fabrication
 - Installation
 - Testing (2.0 MHz to 45.0 GHz), VSWR, insertion loss, fault isolation,
- impedance matching
- Refurbishment
- Weapons
 - Sensors
 - Missile launching systems
 - Gun systems
 - Battery alignment
- Optical alignment services
- Ship Alteration Installation (SHIPALT)
- Machinery Alteration Installation (MACALT)
- Electrical/electronics
 - Cable/connector fabrication, installation and test
 - Fiber-optic system installation and test
 - Interior communication systems
 - Controllers
 - Alarm and monitoring systems
- EMI and EMP surveys
- Auxiliary engineering support systems
 - Pumps
 - Air compressors (LP and HP)
 - Dry air systems
- Hydraulic systems
 - Steering
 - Anchor windlass
 - Hydraulic cylinders
 - Elevators and conveyors
 - Pumps and motors
 - Valves and controls
- Welding (NAVSEA certified)
 - Aluminum (GMAW)
 - Steel-HY100 (SMAW)
 - Copper nickel (GTAW)
- Painting
 - Enamels
 - Epoxies
 - Chemical Agent Resistant Coating (CARC)

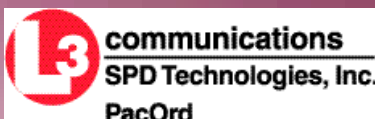
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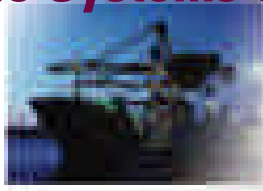
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PACORD

The Right Partner for Commercial Marine Systems Support



L-3 Communications/PacOrd, with its decades of experience serving the military marine sector, has the perfect background, personnel and capabilities to provide high-quality, cost-effective and on-time technical and installation support for electrical/electronics, communications, navigation, hydraulics and auxiliary systems.

L-3/PacOrd offers commercial shipbuilders a wide range of comprehensive services such as installation, maintenance, overhaul, repair, integration and testing responding quickly to the particular needs

of an individual project. L-3/PacOrd is continually adding new capabilities and expanding its number of expert personnel to support the state-of-the-art technology.

With facilities in close proximity to shipyards across the United States and immediate response capabilities throughout the world, L-3/PacOrd is ready to meet the challenges of building and maintaining today's commercial ships.



Commercial Marine and Industrial Services and Capabilities

- Electrical power and lighting systems
- Communication systems
- Navigation systems
- Electrical/electronics
 - Cable/connector fabrication, installation and test
 - Fiber-optic system installation and test
 - Tank-level indicating systems
 - Controllers
 - Alarm and monitoring systems
- Welding
 - Aluminum (GMAW)
 - Steel-HY100 (SMAW)
 - Copper nickel (GTAW)

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