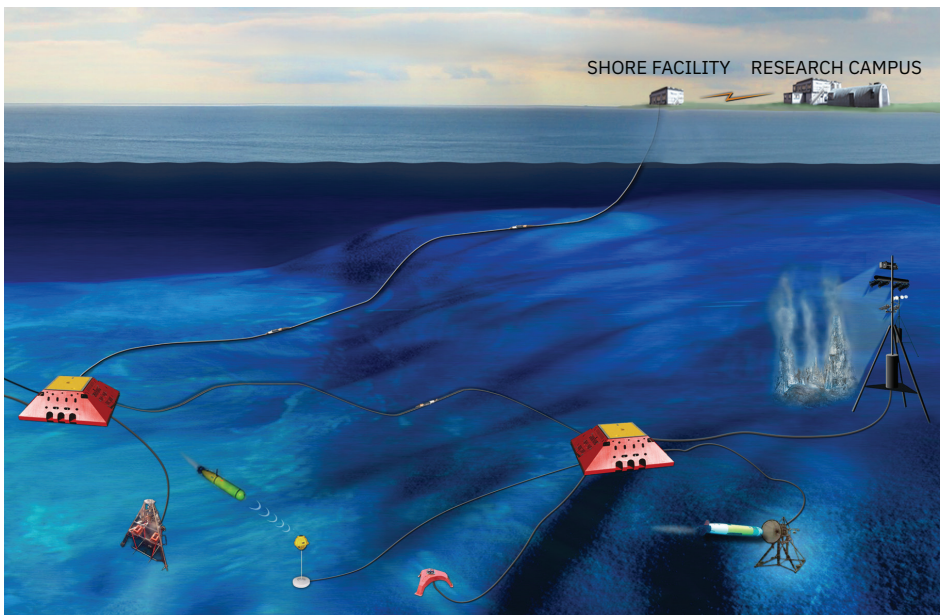


CABLED OCEAN-OBSERVING SYSTEMS

L3Harris provides long-life, deep-ocean power and data connectivity systems in a variety of environments and ocean depths — deploying the largest scientific cabled ocean-observing systems to date.

L3Harris provides cabled ocean-observing cable systems to the scientific community, delivering long-life, deep-ocean power and data connectivity systems for the U.S. and international navies and other commercial users. L3Harris has successfully designed, manufactured and installed thousands of kilometers of subsea fiber optic cable and numerous nodes. These systems support capacities up to 100 Gb and 10 kV operating voltage. The technology employed in cabled ocean-observing systems is built on six decades of L3Harris delivering a variety of deep-ocean, long-life sensor systems that have exceeded mission requirements and expectations.



STANDARD CABLED OCEAN-OBSERVING SYSTEM

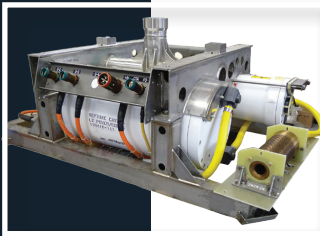


FEATURES

- > 25-year life
- > High available power
- > High-bandwidth internet connectivity
- > Interactive IP control of instrumentation from remote locations
- > Precision timing
- > Standardized remotely operated vehicle-serviceable science instrumentation/sensor interface
- > Enables multi-disciplinary oceanographic research

APPLICATION

- > Ocean science
- > Undersea defense
- > Port and coastal security
- > Oil field monitoring
- > Renewable energy monitoring
- > Tsunami warning



SCIENCE NODE
INTEGRATION



MEDIUM VOLTAGE POWER
CONVERTER ASSEMBLY



SCIENCE NODE



SCIENCE NODE
INSTALLATION



MARINE
INSTALLATION
VESSEL

L3Harrisellsht_CabledOceanObservingSystems.pdf

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L3Harris Technologies is a Trusted Disruptor for the global aerospace and defense industry. With customers' mission-critical needs always in mind, our 46,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains.



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