

Navy Orders DSIT's AquaShield™ Diver Detection Sonar

GIVAT SHMUEL, Israel, (September 23, 2014) DSIT Solutions Ltd., a subsidiary of Acorn Energy, Inc. (NASDAQ:ACFN), announced today that a leading Mediterranean Navy has placed an order for its AquaShield™ Diver Detection Sonar (DDS) system. The system is expected to guard the underwater perimeter of a strategic coastal asset.

Dan Ben-Dov, DSIT's Vice President, Sales and Marketing commented, "In the last few weeks, DSIT has received orders from two energy facilities and a navy. A few years ago DSIT decided to broaden its customer base and to sell its solutions to different types of coastal and offshore critical asset operators from the energy, commercial and defense sectors. These recent orders emphasize DSIT's continued success in expanding and diversifying our market reach. Our customer base now includes oil terminals, nuclear power plants, navies, coast guards, border security services, shipyards, defense and security integrators and others."

DSIT's Shield family of underwater security systems includes three main types of diver detection solutions: the AquaShield ER™ SDV Detection Sonar (SDS), the AquaShield™ Diver Detection Sonar (DDS) and the PointShield™ Portable Diver Detection Sonar (PDDS). All of the systems support fully automatic operation with high probability of detection and low false-alarm rate.

Benny Sela, CEO of DSIT, added, "Although DSIT has recently received multiple orders for its solutions from energy companies we still put a lot of effort in maintaining our leading position in the defense market. We do so not only by offering the market the best performing underwater security systems, but also by providing to customers the lowest cost per square meter of coverage. This cost-benefit is even more relevant today with budget cuts and financial limitations that many of our customers have experienced recently."

About DSIT

DSIT develops and produces sonar applications for the defense, HLS, energy and commercial markets. The company employs a world-class multi-disciplinary team of professionals that are skilled in the latest sonar and real-time technologies. DSIT products

include: The Shield family of Diver Detection Sonars, Portable Acoustic Ranges, Underwater Acoustic Signal Analysis systems, sonar simulators and trainers and various other products in this field. DSIT is also in the process of developing innovative Fiber-Optic based sensors. For more information visit www.dsit.co.il

About Acorn Energy, Inc.

Acorn Energy, Inc. is a holding company whose four portfolio companies help their customers achieve greater productivity, reliability, security, and efficiency—factors which can lead to greater profitability. GridSense® provides monitoring for all critical points along the electricity delivery system. OmniMetrix® remotely monitors emergency back-up power generation systems to increase their reliability. US Seismic Systems® supplies fiber optic sensing solutions to increase oil/gas production and lower costs. DSIT provides security solutions from underwater threats to naval and marine based energy assets. For more information visit: <http://www.acornenergy.com>.

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