



Additional Order for DSIT's AquaShield™ Underwater Security System Multiple AquaShield™ Diver Detection Sonar Units Ordered in Last Few Months

Givat Shmuel, Israel (May 12, 2009) DSIT Solutions Ltd., a subsidiary of Acorn Energy Inc. (NASDAQ: ACFN), has received another large order, the third in the last few months, for its AquaShield™ underwater port security system. The \$2.3M order is for multiple sensors, which will protect a strategic site against underwater intrusion.

The AquaShield™ is an intruder detection sonar system which automatically detects, tracks, classifies and alerts of any kind of underwater threat approaching the site. The system supports real-time pinpoint tracking of the threat; thus enabling a prompt and effective response. Operated by both governmental and commercial customers, the AquaShield has been operational in-the-water for long periods of time at various sites around the world.

“The AquaShield™ is a system that is built to last!” commented Dan Ben-Dov, DSIT's Vice President for Sales and Marketing, “During development of the AquaShield™ we placed our emphasis on system performance under varying conditions. When faced with the choice between building a slim ‘Beauty’ or a muscular ‘Beast’, we definitely chose to create the security beast. The AquaShield™ is a powerful, robust, performance-driven solution, suitable for those who demand the best.”

The AquaShield™ has a modular and flexible architecture that enables tailoring the solution to specific customer requirements. The system is available in three different coverage configurations - 120°, 240°, and 360° - based on site topography. The system can be installed on a pier, jetty, breakwater or on the seabed. It is one of the only systems in the world designed with two versions to suit the type of installation and the customer's maintenance concept. For seabed installation, a built-in underwater electronics version is available while for pier installation, a version with an above-water electronic cabinet is usually chosen.

DSIT's CEO, Benny Sela, remarked that “Our customers are our greatest asset. As more and more potential customers research the field of underwater security, evaluate the choices and come to the conclusion that the AquaShield™ provides the best solution for their money, we are seeing an increase in new orders. The worldwide awareness of the need for underwater site security is growing and we are feeling the increase in this demand.”



About DSIT

DSIT develops sonar and acoustic solutions and acts as a system integrator for advanced Security and Safety Command and Control systems. The Company's offerings are designed to provide the latest in technology and its intelligent application for the energy, commercial, defense and homeland security markets. For more information visit www.dsit.co.il

About Acorn Energy, Inc.

Acorn Energy, Inc. is a publicly traded holding company with equity interests in CoaLogix, Coreworx, DSIT and Gridsense. These companies leverage advanced technologies to transform and upgrade the energy infrastructure around the world. Acorn companies are focused on three problems in the energy sector: improving the efficiency of the energy grid, reducing the risk for owners of large energy assets, and reducing the environmental impact of the energy sector. Acorn's strategy is to take primarily controlling positions in companies led by great entrepreneurs. For more information visit <http://www.acornenergy.com>

Safe Harbor Statement

This press release includes forward-looking statements, which are subject to risks and uncertainties. For disclosure of additional risks and uncertainties which may affect DSIT's business and prospects and Acorn Energy's business generally, see the information under "Risk Factors" in Acorn Energy's most recent Annual Report on Form 10-K as filed with the U.S. Securities and Exchange Commission.

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