

DSIT Introduces the AquaShield Extended Range™ (ER) – the World's Longest Range Diver Detection Sonar at UDT 2014

Givat Shmuel, Israel (June 11, 2014) DSIT Solutions Ltd., a subsidiary of Acorn Energy Inc. (NASDAQ: ACFN), has announced the introduction of the AquaShield Extended Range (ER) Swimmer Delivery Vehicle Detection Sonar (SDS) to its product line at the Undersea Defense Technology conference, UDT 2014, taking place now in Liverpool, England. This product launch marks the tenth anniversary of DSIT's attendance at UDT. The AquaShield ER™ was developed based on the best seller AquaShield™ Diver Detection Sonar (DDS) which is widely used around the world to protect naval, commercial and energy sites and assets from underwater intrusion and sabotage.

The AquaShield ER was created by DSIT in response to the technology advances associated with Swimmer Delivery Vehicles (SDV), Diver Propulsion Vehicles (DPV) and Unmanned Underwater Vehicles (UUV). All of the above are much faster than the standard combat diver, thus significantly reducing the response time available when using conventional diver detection sonar systems.

The AquaShield ER offers unprecedented detection ranges against all threats including SDVs, Open and Closed Circuit Divers (CCD). Prior to its introduction, the AquaShield ER passed rigorous sea trials achieving detection ranges of up to 3,500 meters for Swimmer Delivery Vehicle targets, 1,800 meters for Open Circuit Divers and 1,200 meters for Divers using closed-circuit apparatus. Existing and potential customers for this enhanced application are navies, coast guards and any other entity and offshore critical asset in need of the premiere defense against the threat of fast moving Swimmer Delivery Vehicles (SDVs) and Unmanned Underwater Vehicles (UUVs).

Dan Ben-Dov, DSIT's VP Sales & Marketing commented, "We have been selling our AquaShield DDS system since 2007, but the AquaShield ER is a game changer in the field of underwater detection providing customers the detection and alarm ranges they

wanted to see for many years. DSIT has made considerable investment in developing this unique application and I'm very confident that the market will appreciate its importance for underwater security. Even before its official introduction to the market, DSIT already received orders for three AquaShield ER units from two different customers.”

DSIT’s CEO, Benny Sela, added “As technology advances we see a broader range of potential underwater threats, including SDVs and Midget Submarines, to coastal and offshore critical assets. We believe the AquaShield ER is the best solution to counter these threats. We have been working hard to be able to introduce this revolutionary product to our esteemed customer base. The benefit to our customers is not based only on the system’s remarkable detection ranges but also on the low cost per square meter of coverage. The AquaShield ER is joining the respected Shield family of underwater security systems and will ensure DSIT remains the technology leader in this field.”

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 Range, Underwater Acoustic Signal Analysis systems, sonar simulators and trainers and various other products in this field. 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>.

Safe Harbor Statement

This press release includes forward-looking statements, which are subject to risks and uncertainties. There is no assurance that Acorn Energy, Inc. or its operating companies will continue to grow their respective businesses, or that any of them will meet the expectations or execute the initiatives described or referred to above. A complete discussion of the risks and uncertainties which may affect Acorn Energy's business generally and the businesses of its subsidiaries is included in "Risk Factors" in the Company's most recent Form 10-K filed by the Company with the Securities and Exchange Commission.

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