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TOSHIBA'S SCIB™ BATTERY SELECTED FOR SHIMANO'S ELECTRIC BICYCLE PARTS

Toshiba Corporation, August 5, 2010 – Toshiba's Super Charge Ion Battery, better known as $SCIB^{TM}$, has been selected by Shimano Incorporated for use in the electric bicycle battery systems that Shimano supplies to bicycle manufacturers. The $SCIB^{TM}$ battery module will be installed in a new product Shimano is scheduled to supply to the European electric bicycle market by the end of this year. Toshiba hopes to increase battery supply as Shimano develops and promotes this sector of its business.

Shimano's battery system will incorporate $SCIB^{TM}$ cells into a battery management system to maximize the advantages of the $SCIB^{TM}$ battery such as: rapid charging capability of 90% charge in less than 5 minutes, long-life of more than 10 years even at rapid charge rates, and excellent safety performance. The system will monitor energy use during operation and charging as well as adequately protect the battery cells. The system will also support regenerative charging from energy generated while braking or coasting downhill.

Combining the battery with Shimano's highly efficient and regenerative motor/inverter system will result in impressively high mileage. The battery's long life will also reduce waste caused by battery replacement and contribute to saving energy and reducing environmental impact.

Shimano Incorporated is the leader of the global bicycle component market, commanding approximately 50% of the market share. Its products include drive-train, brake, and wheel and pedal components for road, mountain, and hybrid bikes. These components are generally organized as group-sets intended to be used as a near complete collection of a bicycle's mechanical parts. For more information on Shimano Incorporated visit www.shimano.com.

Toshiba's Super Charge Ion Battery, $SCiB^{TM}$, products are designed using an advanced lithium chemistry based on nanotechnology. $SCiB^{TM}$ batteries are a safe, high-performance, rechargeable, long-life solution for a wide array of applications ranging from electric bicycles to uninterruptible power systems. Toshiba's $SCiB^{TM}$ batteries deliver breakthrough energy storage solutions to meet the most demanding energy and environmental challenges.

Toshiba Corporation, a world leader in technology, is a diversified manufacturer and marketer of advanced electronic and electrical products, spanning information and communications equipment/systems, internet-based solutions and services, electronic components and materials, power systems, industrial and social infrastructure systems, and household appliances. For more information on Toshiba Corporation's SCiB efforts visit www.scib.jp/en/.

Fore more information on SCiB's North American operations contact SCIB[™] Business Development Manager Darel Reed by calling (252) 702-3018 or via email at <u>darel.reed@tic.toshiba.com</u>. Further information on Toshiba's SCIB[™] product line may also be found by visiting www.toshiba.com/scib.