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QPC Lasers Ships High Power Miniaturized Ultra™ Laser to US Government Prime Contractor

*Designed for Demanding Defense Applications,
Custom Laser Delivers More Than 300 Watts and is Comparable in Size to a Laptop*

SYLMAR, CA -- April 7, 2008 —QPC Lasers, Inc. "QPC" (OTCBB:QPCI), a world leader in the design and manufacture of high brightness, high power semiconductor lasers for the consumer display, industrial, defense, and medical markets, announced today that it has shipped a compact custom Ultra™ laser exceeding 300 watts to a US Government prime contractor. Leveraging QPC's proprietary [BrightLock™](#) laser chip technology, the high power and high brightness laser is the size of a small laptop and was designed for an undisclosed application.

The BrightLock™ Ultra™ is one of the company's Generation III products announced in late 2007 (see [press release dated September 26, 2007](#)). BrightLock™ laser chip technology enables ultra compact laser footprints by reducing system cooling requirements and eliminating the need for external components which are expensive, bulky and require routine maintenance. The BrightLock™ Ultra™ is a high performance laser engine, featuring a compact, lightweight footprint that utilizes an advanced on-chip technology to produce a narrow stable emission spectrum designed for energizing solid state and fiber laser systems.

QPC's Generation III technology offers up to a ten fold improvement in cost, size, weight, power consumption, and ruggedness compared to today's conventional non-chip based laser technology. QPC believes its Generation III technology may have the capacity to revolutionize the existing multibillion dollar solid state and gas laser market by enabling the replacement of massive lasers with miniature chip-based solutions. Furthermore, QPC's technology offers significantly reduced power consumption which is of particular importance in aerospace, consumer, and industrial applications which require high power lasers to operate on limited energy sources. Generation III technology was developed in part under contracts with the US Government.

"We are pleased to meet this important defense customer's need for a compact high performance laser engine by deploying our BrightLock™ chip technology into our high brightness Ultra™ fiber coupled product platform," stated [Paul Rudy, Ph.D.](#), Vice President of Marketing and Sales for QPC. "High peak power operation is a critical requirement for several [defense applications](#) including rangefinding, targeting, and remote sensing. Our BrightLock™ Ultra™ products meet this need uniquely with rugged and compact solutions that can endure demanding environmental conditions."

QPC's Generation III technology also addresses a variety of commercial applications. For industrial customers, QPC offers energy-efficient, reliable and cost-effective packages critical for laser micro-machining, engraving and marking applications. For



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medical surgical and therapeutic applications, QPC's lasers feature a high brightness beam that can be delivered into the body through an extremely narrow optical fiber from a compact, easy-to-use and cost-effective source. The liase is designed to emit at particular wavelengths that are strongly absorbed by the body such as water in tissue, hemoglobin in blood, or melanin in skin.

For more information, see http://www.qpclasers.com/investor_relations.html.

Forward Looking Statements

This release and other materials released by the Company from time to time contain or may contain forward looking statements and information that are based upon beliefs of, and information currently available to, the Company's management as well as estimates and assumptions made by the Company's management. When used in the materials the words "anticipate", "believe", "estimate", "expect", "future", "intend", "plan" or the negative of these terms and similar expressions as they relate to the Company or the Company's management identify forward looking statements. Such statements reflect the current view of the Company with respect to future events and are subject to risks, uncertainties, assumptions and other factors (including the risks contained in the sections of the Company's reports filed with the Securities and Exchange Commission entitled "Factors That May Affect Future Performance") relating to the Company's industry, the Company's operations and results of operations and any businesses that may be acquired by the Company. Should one or more of these risks or uncertainties materialize, or should the underlying assumptions prove incorrect, actual results may differ significantly from those anticipated, believed, estimated, expected, intended or planned. Although the Company believes that the expectations reflected in the forward looking statements are reasonable, the Company cannot guarantee future results, levels of activity, performance or achievements. Except as required by applicable law, including the securities laws of the United States, the Company does not intend to update any of the forward-looking statements to conform these statements to actual results. The foregoing discussion should be read in conjunction with the Company's reports filed with the Securities and Exchange Commission.

Purchase Orders and Contracts

The Company's purchase orders and contracts are subject to standard commercial cancellation terms and conditions.

About QPC Lasers, Inc.

QPC Lasers, Inc. (www.QPClasers.com) is a world leader in the development and commercialization of high-brightness, high-power semiconductor lasers for the defense, homeland security, industrial, and medical markets. Founded in the year 2000, QPC is vertically integrated from epitaxy through packaging and performs all



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critical fabrication processes at its state-of-the-art high-technology facility in the Los Angeles suburb of Sylmar, CA. QPC is a publicly traded U.S. company (OTCBB: QPCI) and is ISO certified.

Contact QPC Lasers, Inc.

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