Valdor Technology International Inc.

Patented technology for the Fiber Optics Industry

Valdor Technology International Inc. (VTI-TSXV) is a fiber optics component company specializing in the design and manufacturing of its patented **Impact MountTM Technology** (IMT) all-metal-epoxyless field termination connectors, mechanical splices, and installation kits. Every fiber optic cable must end with a connector or splice. ElectroniCast Consultants <u>www.electronicastconsultants.com</u> has forecast that the global market for connectors and mechanical splices is projected to grow from \$1.4 billion in 2006 to \$3.4 billion in 2011. Valdor's unique IMT connectors, mechanical splices, and installation kits have major advantages in many fiber optic markets. Additionally, Valdor's patented IMT connectors are the only connectors suitable for many applications in the fiber optic industry.

Impact Mount[™] Technology is a radial compression fit of a ductile metal around a cylindrical glass surface. The need to metallize optical fiber is eliminated by Impact Mount[™] Technology (IMT). The IMT is a

unique, patented design that assures reliable terminations time after time by securing the glass fiber within the metal ferrule. This illustration depicts the single fiber ferrule IMT process. Attachment of metal ferrules to the fiber(s) occurs in one fast mechanical action. This action, called the impact, occurs between the stripped fiber and the ferrule using a precision impact mount die. The IMT connectors/ferrules are



made from various metal alloys, the most common types being stainless steel and copper-nickel. The main body of the connector can be all-metal or constructed with glass-reinforced polymer. For a single fiber operation, the result easily creates a hermetic seal between the fiber and the ferrule.

Valdor is making substantial inroads into many of the major fiber optic markets as a result of its breakthrough patented IMT technology.

Communications Market – Valdor's IMT communication connectors and installation kits are marketed and distributed under the LIGHTSTAR label through Quest Technology International <u>www.qtinet.com</u> based in Medley, FL, and Allied Electronics <u>www.alliedelec.com</u> of Fort Worth, TX. Both of these well established and respected distributors feature Valdor's IMT connectors as the wave of the future in communication connectivity for ease of installation, reduction in cost and time, reliability, and improvement in quality transmission. Valdor's field installable connectors, mechanical splices, and installation kits are ideal for a wide range of markets such as fiber-to-the-home (FTTH), fiber-to-the-premise (FTTP) and fiber-to-the-curb (FTTC).

Original Equipment Manufacturers Market (OEM) – The laser sector of the OEM marketplace is an excellent example of Valdor's inroads within the OEM market. Valdor is in a pre-production stage with Spectra-Physics <u>www.spectraphysics.com</u>, the laser subsidiary of Newport Corporation <u>www.newport.com</u> based in Irvine, CA. Spectra-Physics is a world leader in laser technology. Their laser devices utilize Valdor's IMT "laser pigtails" terminated with high power "SMA" connectors. The IMT process wraps metal around a fiber hermetically without costly additional processes such as gold plating and soldering. The fact that Spectra-Physics has chosen Valdor to engineer and provide its interconnection requirements on high output lasers speaks volumes about the validity and industry acceptance of Valdor's IMT. Commercial production of these laser pigtails is anticipated to commence in the first quarter of 2009.

Military Market – Valdor is also active in the military marketplace by providing Remotec <u>www.ms.northropgrumman.com/Remotec/</u>, a division of Northrop Grumman <u>www.northropgrumman.com</u>, with complete IMT Field Repair Splices and Installation Kits that include optical jumper cables. Remotec is a global leader in mobile robotic systems for hazardous-duty operation. The Field Repair Splice offers quick emergency repair for security equipment and machinery. Technicians in the field can make repairs to the fiber cable and be back in operation within minutes. This Field Repair Splice is ideal for emergency restoration when cables are deployed for data telecommunication and for bio-chemical sensors. Other key applications include emergency fiber cable restoration for tactical robots, broadcasting, and movie productions along with temporary communication networks where the fiber is deployed on the ground and has the potential to be damaged.

Industrial / Medical Market – Valdor provides harsh-environment, all-metal IMT "SMA" connectors for many industrial and medical fiber optic applications. These all-metal connectors contain no epoxy or index matching gel. They dissipate heat uniformly preventing hot spots common to other SMA connectors. The really exciting opportunity here is that Valdor's patented IMT all-metal connectors are the only connectors that can function in certain harsh conditions of heat, pressure, and chemical environments. Valdor started working with a major oil drilling and field service company in early 2007 to design an IMT connector for connecting sensors to monitor down-hole drilling conditions. The research for this project was funded by the oil and gas service company. Test results for these connectors have been successfully completed and a sea trial is now scheduled. It is expected that the final design will be completed and introduced at the May 2009 Offshore Technology Conference www.otcnet.org/2009/ in Houston, TX, with commercial production expected to follow shortly thereafter.

Corporate information

Board of Directors:

Dr. Michel Rondeau – President and Director - achieved a B.S. Mathematics, San Jose State University-1971, a M.S. in Applied Mathematics, San Jose State University-1973, and a Ph.D. in Mechanical Engineering/Applied Mathematics, Michigan State University-1977. From 1972-1977 he served as the Mathematics Specialist/Assistant Coordinator, UC Berkeley, CA, and in 1978 as a Faculty Member, Dept. of Mathematics, Michigan State University, MI.

From 1979-1984, Dr. Rondeau held the position as MTS-Scientist/Engineer, AT&T Bell Laboratories, NJ, where he designed, engineered, implemented, and patented a new type of flexible high pressure housing (FHPH) for opto-electronic devices for underwater signal transmissions; designed, engineered, and patented a new fiberoptic cable strain relief; designed and engineered a new miniature high pressure fiber optic cable seal, and developed a new laser welding process for miniature titanium and beryllium underwater opto-electronic device housings.

From 1984-1985, he held the position of Manager/Research Scientist, Bell Communication Research, NJ, where he designed, engineered, implemented, and managed a state of the art fiber optic telecommunication devices research laboratory; designed new optics connectors; developed new micro-drilling and molding techniques for thermoplastic materials, and recruited Ph.D. candidates for Bellcore from various universities.

In 1985, Dr. Rondeau founded Valdor Fiber Optics Inc., a private company that went public in Canada on the TSX Venture Exchange in 2000 via a reverse take over. Through a consolidation in capital and name change in 2008, Valdor Fiber Optics Inc. became Valdor Technology International Inc. (VTI-TSXV). Dr. Rondeau is President and CEO of the company.

Dr. Rondeau has over 30 years experience in the fiber optic industry. Under his leadership, Valdor has developed, patented, and successfully commercialized several fiber optic product lines. Valdor's enabling Impact Mount[™] technology is a fundamental breakthrough technology that is a perfect solution to field installable connectors, opto-electronic device packaging, optical switches, and miniaturization. Dr. Rondeau has recently registered new patents that will expand the Impact Mount [™] application into Dense Wave Division Multiplexers (DWDM) modules, attenuators, fused couplers, and other passive components.

Brian Findlay - CFO and Director - has over 25 years of experience in the financial and investment community. He has a strong background in managing, financing, and administering of public companies. Mr. Findlay has participated in raising in excess of \$200 million in investment capital for numerous companies listed on the TSX Venture Exchange.

Dr. Pier Antoniucci – Director - holds a Ph.D. degree from Bologna University in E.E. with research and dissertation in microwave transmission. His career spans over thirty years of corporate activity in the industrial telecommunications industry in Europe, Canada, and the United States. At Canadian Marconi in Montreal, Canada, he was responsible for development of microwave digital radios. Under the aegis of the United Nations he contributed standardization papers on digital transmission.

Dr. Antoniucci began his career as a corporate executive at Telettra, a company of the Fiat Group, in Milan, Italy, and held the position of President of Granger-Telettra, a US/Italian joint venture, from its formation in 1986 to its successful consolidation within Alcatel in 1992. After Telettra, he was instrumental in bringing P-Com public as Senior V.P. in charge of marketing and engineering from 1992 to 1995 and served as President and COO of P-Com from its IPO in 1995 to 1999.

In 2000 Dr. Antoniucci founded and launched E.E.S.A. as a USA subsidiary of a European microwave communications company where he served as President, CEO, and Director from 2000 to 2004. From 2004 to 2008 he was President, CEO, and Director of BLS in charge of the USA operating subsidiary of WaveZero and of its AIM London listed holding company Block Shield where he brought the company (BLS) from negligible revenue to over \$10-million in 3 years.

Dr. Hugh Kao – Director - holds a B.S from Michigan State University and a M.S. and Ph. D. in electrical engineering from the University of California, Berkeley. He has over 25 years of technical and program management experience in aerospace and defense electronics

From 1979 to 1982, Dr. Kao was a member of the Technical Staff at the Ocean Systems Division of AT&T Bell Laboratories. From 1982 to 1985, he was the head of the Signal Processing Department of ITT Avionics, Clinton, NJ. From 1985 to 2007 at BAE Systems, Nashua, NH, he held positions in Technical and Program Management with responsibilities in the aerospace and defense electronics product area. From 2007 to the present he is the Director of Engineering at Superior Technical Resources Inc. providing technical consulting services in defense.

Corporate Office:

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USA Operating Subsidiary:

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Stock Exchange Information:

Listed:	TSX Venture Exchange
Trading Symbol:	VTI
Issued Shares:	21,170,200
Fully Diluted Shares	: 33,795 200

Investor Relations:

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