



**Dale Tiller**  
*VP of Engineering*

Dale Tiller is the VP of Engineering at Pacific Engineering Incorporated (2011 - Present). Previously he was with Lincoln Composites (a member of Hexagon Composites) as VP of Operations (2005 - 2007) and then President and Managing Director (2007 – 2010). At Lincoln Composites/Hexagon, he led the growth of a start-up business, increasing sales by 15-fold (\$3M to \$45M) over a five-year period while enhancing performance, improving product quality, reducing costs, and growing sales and EBIT each year.

Before joining Hexagon, Tiller was a Senior Engineering Manager (Missile, Space and Aircraft Systems, Advanced Materials Lab) at General

Dynamics (GD), from 2002 – 2005. Previously he was with Lincoln Composites (which was acquired by GD) as Vice President of Engineering.

Mr. Tiller graduated from the Northwestern Kellogg School of Management Executive Management Program. He also attended Virginia Polytechnic Institute where he received a BS in Mechanical Engineering Technology (Highest Honors) and Master of Engineering in Systems Engineering.

Mr. Tiller is a successful technical manager with a diverse market background who has demonstrated outstanding results in strategic planning, mergers, capital investment, project management, operations management, business development, and problem solving. He holds multiple (6) patents associated with filament-wound pressure vessels and injection molding; and is an award-winning author of more than 20 peer-reviewed papers (Over 300 citations according to Google Scholar). He is also a Registered Professional Engineer in Nebraska and Missouri.

Mr. Tiller has led engineering teams in the development and introduction of numerous innovative products in a variety of markets including aerospace, aviation, automotive, oil and gas, and Defense. At PEI, he managed the design and development of the All Up Round Equipment (AURE) Composite Canister for the Countermeasure Anti-Torpedo Torpedo (CAT) and the Ready Stow Group (RSG) Launcher. The AURE Composite Canister featured an innovative Metal-to-Composite (MTC) joint design between the composite tube body and metal end flanges.

Mr. Tiller was among the individuals singled out by the Commander of Naval Sea Systems Command for his role in designing and developing the Launcher and Composite Torpedo Canister for the Surface Ship Torpedo Defense System. Pacific Engineering, Inc., also received the coveted Tibbets Award for technology innovation.

Mr. Tiller directed the PEI design team that developed a lightweight, modular, composite-bed trailer for the MCSC/PEO Land MTRV. The trailer incorporates a unique adaptable interface between the metal chassis and composite bed. The understructure was filament-wound to provide strength and toughness. The Composite trailer prototype successfully demonstrated 4000 miles of MTRV CCBT Durability testing at the Nevada Automotive Test Center in Carson City, Nevada.

Mr. Tiller has been (or is) the Principal Investigator on several SBIR Phase I and II projects such as SSP CPS Advanced Payload Module, Adaptable Universal Composite Canister for VA Payload Module, Navy Propulsion System Components, and Mk-41 VLS Composite Missile Hatches and canisters. He also led the engineering team in designing a lightweight composite sonar array for Canada's Victoria Class Submarine.

As the Senior Manager of Engineering for Missile and Space Systems at General Dynamics, Mr. Tiller led the development of the next generation all-composite aircraft fuel tank for the Joint Strike Fighter (JSF). As a Program Manager and Project Engineer, he managed numerous development programs, including Space Shuttle Tankage, MLRS Launch Tube, EKV Structure, F-18 External Fuel Tank, V-22 Drive shaft, and Non-Line Of Sight Missile (NLOS) Container.

At Lincoln Composites/Hexagon, Mr. Tiller led the team which developed the first all-composite pressure vessel (TUFFSHELL®) for natural gas and hydrogen fuel cell vehicles. His team also developed, qualified, and commercialized the largest composite pressure vessel system (TITAN®) used for intermodal transportation of bulk gases.