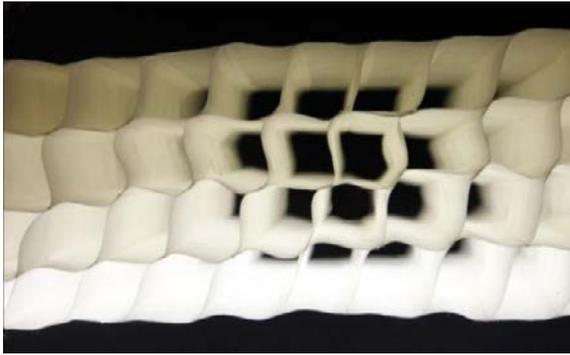


FABRIC STRUCTURES TEAM OVERVIEW AT JOINT COMMITTEE ON TACTICAL SHELTERS (JOCOTAS) MEETING. On 19 May 2015 Natick Soldier Research Development and Engineering Center (NSRDEC) and



PM Force Sustainment Systems (PM FSS) met with shelter and expeditionary basing community members from across the Department of Defense. The Fabric Structures Team (FST) presented an overview of the current efforts that have application to expeditionary shelter systems. FST is currently managing a variety of efforts that support development of a more energy efficient basing system for the Warfighter. Technologies leveraged include cellular shelter insulation for energy efficient operation in austere environments, water demand reduction through

latrines, showers and laundry to increase self-sustainability, and quick to “erect-and-strike” shelter systems to increase mission availability of personnel. In addition, FST has recently accepted a liaison position with the Revolutionary Fibers and Textiles Institute, which hopes to promote collaboration between industry, academia and government in fiber and textile research, as well as increasing the prominence of US-based manufacturing. Although FST focuses on the innovation of fabric structures, the knowledgebase and resources of the team have allowed for an expansion of technical expertise into additional basecamp focus areas that improve Warfighter quality of life, while simultaneously maintaining or reducing the overall reliance on fuel, water and waste. **PAO# U15-280.**



