

A HARDENED SHELTER FOR THE STANDRARD INTEGRATED COMMAND POST SYSTEM

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A Design Study was performed by the team of Gichner Shelter Systems (GSS), SI/Division of SPECTRUM 39 (SI) and MIKI SpA for the US Army Natick Research, Development and Engineering Center (NRDEC). The objective of this study was to develop the design of a Hardened Communications Shelter for the Standard Integrated Command Post System (SICPS) to be mounted on the High Mobility Multipurpose Wheeled Vehicle - Heavy Variant (HMMWV). The Hardened SICPS Shelter (HSS) was designed to resist the effects of air blast, thermal and electromagnetic radiation, and the fragments from conventional weapons. The HSS design has a low weight, low cost and low risk. The results of the study are presented in this paper.