

Abstract Submitted  
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**The 2010 VERITAS Data Network Upgrade** MATTHEW SHAW, VERITAS, VERITAS COLLABORATION — In April 2010 the VERITAS gamma-ray observatory was funded to substantially improve its sensitivity and reliability. Part of this upgrade involved increasing the speed of data communication between telescopes, and adding redundancy, allowing data taking to continue even when a single fiber optic communication has failed. In this talk, I will describe this network upgrade, which took place at VERITAS during summer 2010. I will describe the need for this upgrade, the use of link aggregate control protocol (LACP) to increase speed and add redundancy, the physical construction, and results from tests that were performed to commission the upgraded VERITAS communications network.

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