

fishcamp engineering

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FOR IMMEDIATE RELEASE

FISHCAMP ENGINEERING DELIVERS IMAGE BUFFER MODULE FOR NOAO.

Santa Maria, CA – September 4, 2007 – Fishcamp Engineering today completed development on the IBM circuit card assembly that provides deep pixel data buffering and powerful low-level image processing functions for the Monsoon Image Acquisition System developed by the National Optical Astronomy Observatory (NOAO) in Tucson Arizona. The IBM subsystem provides an intelligent bridge between the image sensor pixel digitization circuitry and the Pixel Acquisition Node computer in the Monsoon system. Programmable logic on the IBM card allows it to perform data formatting and very fast computation of 2-D centroid positions of objects within small data sets that will be used to control the image acquisition process. The addition of the IBM card brings additional capabilities to the Monsoon System.

About Monsoon:

The Monsoon Image Acquisition system is the NOAO solution for scalable, multi-channel high-speed image acquisition systems required for next generation projects. Monsoon is designed to be flexible enough to support CCD, CMOS and IR diode imaging arrays in a wide variety of uses, including science instruments, acquisition and guide cameras, and wavefront sensors. More information on the Monsoon Image Acquisition System can be seen on the NOAO web site at:

<http://www.noao.edu/new_proj.html>

About Fishcamp Engineering:

Fishcamp engineering is a design engineering services company that also offers standard products for the scientific and engineering communities. Founded in 1989, the company has its offices in Orcutt, California. For additional information about the services or products offered by the company, please visit the web site at:

<<http://www.fishcamp.com>>

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