

# NEWS RELEASE

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## **Deposition Sciences, Inc. (DSI)**

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*For Immediate Release*

## **DSI Announces New Optical Band Pass Filter**

### **Features Wide Acceptance Angle Band Pass on Curved Surfaces**

**July 11, 2006 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI)**, producers of highly durable thin film coatings, announces a revolutionary, wide acceptance angle band pass filter. This abrasive-resistant, super-durable filter can be coated onto curved surface lenses for high accuracy applications. The thin film coating blocks wavelengths from the visible region of the spectrum (400 nm) into the shortwave infrared wavelength (1200 nm) with a high transmission at 1064 nm. It allows uniform optical performance of the coating on the center area of a lens at normal



incidence and performance on the edge of a lens at high angles of incidence. Designed for use across a large cone angle, DSI's advanced optical interference filter is engineered for demanding tasks in which the film needs to have a high transmission over the entire surface of a curved lens.

The new wide acceptance angle band pass filter features unparalleled coating consistency over the entire curved surface area. Developed with DSI's patented MicroDyn® reactive sputtering technology, the filter is processed in their in-house facility using proprietary techniques to attain the necessary coating uniformity with exceptional results. This unique, difficult-to-achieve band pass filter deposition across a curved lens is ideal for scanning, target designation, seeker heads and other applications requiring a uniform optical coating over curved surfaces.

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**Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – [www.depisci.com](http://www.depisci.com)** - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-

infrared (NIR), midwave-infrared (MWIR) and out to the longwave-IR (LWIR). At the heart of these capabilities is DSI's patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies.