

PRESS

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## Band Pro Munich provides ZEISS Digi Primes for 3-D Short Film “Boat Trip “

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Munich/Germany, August 8, 2008 ---- A mirror rig with two Thomson Viper HD cameras and several pairs of ZEISS DigiPrime lenses from Band Pro Munich were the stars at the Dutch-made 3-D short film “Boat Trip”. Production company “A million dreams” had chosen highest quality digital cinema equipment for the demanding 3-D shootings in the Aalsmeer near Amsterdam.

### Stereoscopic 3-D goes HD

The growing use of digital cinematography, digital post-production, and digital projection has enabled the re-emergence of stereoscopic 3-D films as a viable format for entertainment. Digital technology allows the 3-D image to be controlled to a far greater level than previously possible, through every stage of the workflow, with the result that the final image can be near perfect. The fundamental basic for stereoscopic 3-D images is the use of two cameras to capture left and right eye images, positioned to mimic the human eye’s stereo vision capability through seeing two subtly different angles of the same scene. The advantages of digital 3-D cinematography compared to celluloid film capture for stereoscopic 3-D are lower variations between the two images - left and right eye, a clearer picture, a comparatively high depth of field, the possibility to control content via monitor immediately on set, astonishing possibilities in post production and last but not least the stability in digital projection at the movie theaters.

### Technical background

French 3-D specialist Alain Derobe had developed the mirror rig being used with two cameras mounted in a shifted 90 degree angle. By means of a semi-transparent mirror, the lens axis of the uprightly mounted camera is diverted so that both axes are layed in the same horizontal layer towards the object. Distance and angle of these two axis to each other can be individually adjusted. In order to find the right adjustments, a great deal of knowledge and experience on 3-D technology is necessary because various parameters such as screen size, near and far point, and focal length need to be included into the calculation.

The whole film was shot on water; the camera rig was mounted to a crane on the boat, which of course meant a special challenge to team and technology. The Sony SRW-1 Portable HDCAM SR Recorder captured both incoming video signals in a special 3-D mode simultaneously to the same tape.

### Lenses

For shooting “Boat Trip”, several pairs of Zeiss DigiPrimes with each 7mm, 10 mm, 14 mm und 20 mm focal length were used. Since 3-D shootings are supposed to be totally identical for the left and right eye except for the angle of view, it is very important to work with high quality lenses. ZEISS Digi Primes and DigiZooms perfectly meet these requirements and are therefore first choice for stereoscopic 3-D filming.

### Contact:

Mrs. Christine Sailer  
Tel.: +49 89 94 54 84 9-23  
Fax: +49 89 94 54 84-99  
christine@bandpro.de  
Band Pro Munich GmbH  
Karl-Hammerschmidt-Str. 38  
D-85609 Munich/Germany  
www.bandpro.de



Action on the Aalsmeer



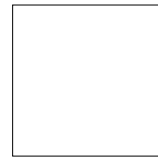
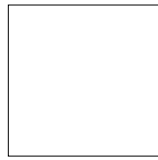
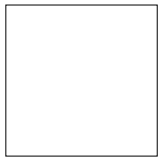
H. Voss with Team “A Million Dreams”



Technicians exchanging DigiPrimes



A pair of DigiPrimes on the mirror rig



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**About Band Pro Munich GmbH:**

Band Pro stands for experience and competence in High Definition and digital cinematography. The company's goal is to establish High Definition and digital cinematography as an independant medium.

Founded in 2002 as European subsidiary of Band Pro Film & Digital Inc. USA, Band Pro Munich has grown rapidly from a ZEISS DigiPrime© distributor to a high end full service company. Band Pro Munich combines many years of experience with state-of-the-art digital cinematography. Almost no other company has a comparable wealth of knowledge in the practical application of HD equipment. The company accompanies their clients during the whole HD workflow - from equipment selection to postproduction.

Sales, support and seminars are the philosophy of the Band Pro group. The close alliance with Zeiss and Sony guarantees Band Pro early availability of the latest developments in digital cinematography. Band Pro Munich organizes certified HD seminars as well as practice oriented workshops in cooperation with the German Society of Cinematographers and Nordmedia. The company also acts as a partner in the production process of HD productions for cinema, TV, image, industry, and commercial productions.

Please visit [www.bandpro.de](http://www.bandpro.de) for further information.