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Discovery HD Theater's LIGHTSCAPES A Showcase for Technology

– "Lightscapes Episode 1: Grand Ise Shrine" Premieres Monday, June 21st at 7:30am ET/PT –

(San Francisco, CA) – Discovery HD Theater's new experiential TV program **LIGHTSCAPES** is a showcase for some of the newest and most advanced image capture technologies.

To produce LIGHTSCAPES, which consists largely of time lapse photography, series co-creators Peter H. Chang and Christopher Frey turned quickly to the Canon 5D Mark II digital SLR. "Coupled with fast Canon prime lenses, the camera's huge full-frame sensor excelled in capturing Akira Hasegawa's kaleidoscopic light displays at night," said the director Peter H. Chang. "The timelapse sequences were captured at 5.6K resolution RAW, which is more than ten times the resolution of standard 1920x1080 HD - near IMAX quality." Executive Producer Christopher Frey added, "I honestly didn't think filming Akira's artwork would be possible before learning about the 5D Mark II's low-light capabilities, but after hearing what the camera could do, I knew we had a television program in the making." Tim Smith at Canon USA said, "Lightscapes is a ground-breaking production. The use of Canon HDSLR's for timelapse was breathtaking and the incorporation of Canon optics on other footage yielded some amazing images. Paul Leeming and Peter Chang have taken Digital Cinema to the next level."

The Red One camera was used for capturing real-time footage at 4K resolution. On shooting with the Red, Paul Leeming said, "To match the Canon still photo timelapse portion of Lightscapes on the real-time motion side we needed to use a camera with an extremely high quality sensor. We were able to interchange the Canon still lenses with the Red camera, thanks to an electronic EF lens mount built by Birger Engineering, taking advantage of the fast Canon L lenses and maintaining a consistent look across stills and motion." Ted Schilowitz of RED Digital Cinema said, "RED Digital Cinema is thrilled to have been the 4K digital motion picture camera chosen to shoot the LIGHTSCAPES program. The RED ONE camera, with its ultra high resolution sensor, made it a very good fit for the style of Cinematography that Paul and Peter chose to shoot for the show. It's great that forward thinking networks like Discovery HD Theater are realizing the value of shooting 4k, to deliver the highest quality HD content today, and future proof their master footage to deliver in 4k in the future, as we at RED see moving to even higher resolution delivery for both theatrical and home viewing is in our near future."

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On upcoming episodes, Stewart Mayer's camBLOCK motion control system will be put into action. Timelapse pioneer and guru Tom Lowe of Timescapes said, "Similar to the groundbreaking Red digital cinema camera, the camBLOCK motion-control system leapfrogs several generations of motion-control and timelapse technology, offering extremely advanced key-frame-based, non-linear motion control at a tiny fraction of the price, size and weight of traditional professional moco systems." He added, "Lightscapes is not only a dream project artistically, it is also an ideal showcase for the capabilities of the latest digital cinema and motion-control technologies."

LIGHTSCAPES premieres Monday, June 21st at 7:30am ET/PT on Discovery's HD Theater.

LIGHTSCAPES is produced for HD Theater by Cinefugue Productions and Cross Media International. For more information and to access a downloadable EPK, please visit www.lightscapes.tv/press.html

About HD Theater:

The first 24-hour high-definition network in the U.S. to broadcast all of its content in brilliant 1080i and 5.1 digital surround sound, HD Theater offers compelling real-world and motorized content from a wide range of categories including adventure, technology, nature and world culture – all designed to provide viewers with the highest-quality television experience available. As one of the most widely-distributed high-definition networks available in the U.S., HD Theater brings its programming to life in a kaleidoscope of dazzling color, sound and sights.

***** Photography and Artwork for LIGHTSCAPES is available within HD Theater's section at www.press.discovery.com *****

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