JSC/EC5 U.S. Spacesuit Knowledge Capture (KC) Series Synopsis

All KC events will be approved for public using NASA Form 1676.

This synopsis provides information about the Knowledge Capture event below.

Topic: Interview with Dean Eppler

Date: March 15, 2010 **Time:** unknown **Location:** JSC/B5S/R3204

DAA 1676 Form #: 29710

This is a link to all lecture material and video: \\js-ea-fs-03\pd01\EC\Knowledge-Capture\FY10 Knowledge Capture\20100315_D.Eppler Interview\For 1676 Review & Public Release

*A copy of the video that make up this workshop will be provided to NASA Center for AeroSpace Information (CASI) via the Agency's Large File Transfer (LFT), or by DVD using the USPS when the DAA 1676 review is complete.

Assessment of Export Control Applicability:

This Knowledge Capture event has been reviewed by the EC5 Spacesuit Knowledge Capture Manager in collaboration with the author and is assessed to not contain any technical content that is export controlled. It is requested to be publicly released to the JSC Engineering Academy, as well as to CASI for distribution through NTRS or NA&SD (public or non-public) and with video through DVD request or YouTube viewing with download of any presentation material.

* This PDF is also attached to this 1676 and will be used for distribution.

For 1676 review use_Synopsis_Eppler_Interview_3-15-2010.pdf

Presenter: Dean Eppler

Synopsis: Pica Kahn interviewed Dr. Dean Eppler. The interview highlighted the personal and professional influences that have impacted Eppler's contributions to the space program.

Biography: Dr. Dean Eppler earned a bachelor of science in geology from St. Lawrence University in 1974, a master of science in geology from the University of New Mexico in 1976, and a doctor of philosophy (Ph.D.) in geology from Arizona State University in 1984. From 1986 to 2009, he was a senior scientist with Science Applications International Corporation, which included 20 years of support to NASA at JSC. During that time, he was a lead suit test subject for advanced planetary spacesuit development and geologic field testing from 1996 to 2005; the ISS Payloads Office Program lead on development of a high-quality research window on the ISS from 1994 to 2005; the program originator and lead scientist on the ISS Window Observational Research Facility (WORF) from 1998 to 2003; and the lead for Science Operations and Logistics Concept Development for Advanced Planetary Exploration Programs, including two years in the lunar surface systems for Constellation. In 2009, he transitioned to NASA and began working in the Astromaterials Research and Exploration Science (ARES) Directorate doing science operations development for lunar missions including creating science operations concepts for Desert Research and Technology Studies (RATS) and developing and implementing the geologic

training curriculum for the 2009 Astronaut Class. During his career, Eppler has published more than 30 scientific publications and has been awarded the Army Commendation Medal, the Antarctic Service Medal, and the NASA Exceptional Public Service Medal.

EC5 Spacesuit Knowledge Capture POCs:

Cinda Chullen, Manager
cinda.chullen-1@nasa.gov
(281) 483-8384

Vladenka Oliva, Technical Editor (ESCG)
vladenka.r.oliva@nasa.gov
(281) 461-5681