



ITEM OF INTEREST

U.S. ARMY CORPS OF ENGINEERS

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2011-03-09-01 Summit / bra

Army intern delivers polar living space review

Stefan Weissenstein, a member of the Engineers and Scientists, CP-18 Intern program, presented a draft review of the Amundsen-Scott South Pole Station, Halley VI, and Neumayer III stations via teleconference 10 February to assess living space functionality at Summit Station, Greenland. The presentation was the capstone event during his rotational assignment at CRREL.

Weissenstein, a Fort Worth District, architect, was mentored in Hanover by the Engineering for Polar Operations, Logistics and Research program team – EPOLAR in January / February as he worked on evaluating living space in the habitat module proposed to support the National Science Foundation. He addressed three recently completed or ‘in-construction’ polar research stations to show the state of the industry and to gain insight into what they found useful. The recurring design themes identified may prove applicable for addition to the plans (aka Model 5) for a new facility at Summit Station.

Weissenstein’s participation in the CRREL-sponsored endeavor was a direct result of his involvement with the Southwestern Division’s 2010 CP-18 summer workshop and supports the USACE Campaign Plan’s Goal 4: Recruit and Retain Strong Teams.

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Related links:

Amundsen-Scott South Pole Station – www.usap.gov/videoclipsandmaps/spwebcam.cfm

Halley VI – www.antarctica.ac.uk/living_and_working/research_stations/halley/halleyvi/

Neumayer III – www.awi.de/en/infrastructure/stations/neumayer_station/

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