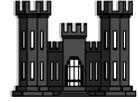




USACE CADD NEWSLETTER



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CADD Newsletter

This unofficial newsletter, is authorized under the provisions of AR 25-30, and is intended to keep all Corps personnel who are involved in the use and management of CADD informed of CADD related issues throughout the Corps as well as HQUSACE changes and initiatives which will affect the Engineering business process. The Newsletter will be issued electronically on a quarterly basis. Articles on CADD issues with a broad area of interest are solicited from the field. Send all submissions and/or comments to jean.a.mcgin@usace.army.mil.

Implementation Plan for the A/E/C CADD Standards

The first test workshop for the A/E/C CADD Standard Implementation Guide developed by the Systems FAC was held at Jacksonville district 27-29 March. CADD/GIS Technology Center (the Center) personnel, in coordination with the USACE Systems Field Action CADD (FAC) Group (the Standards/Workspace Action Team (SWAT)) conducted the workshop. Center personnel gave an overview of the A/E/C CADD Standard for supervisors, and then provided further instruction on the standard for engineering and CADD personnel. On the second day FAC members and Center personnel conducted a workshop on developing an implementation plan and the use of the MicroStation Workspace. During the workshop, many issues surfaced which were related to workflow. After the workshop, the team interviewed people who had participated in the training class and workshop, to cover in more detail items that were discussed in the workshop. The team received a very positive response, as well as suggested improvements for future classes. An additional test workshop will be conducted at a military district in the near future. Jacksonville District's Implementation plan as well as the A/E/C CADD Standard Implementation Guide developed by the Systems FAC will be distributed to all districts when the second test workshop is complete. After the pilot implementations are complete, the SWAT team will be available to help districts develop a Standards Implementation Plan on a reimbursable basis.

FAC Group Accomplishments

The Systems FAC Group has continued to hold monthly phone conferences, which provide an open forum for the CADD System administrators to air questions and resolve problems. Contact John Kincaid at Rock Island if you want to participate in these calls. Members of the group participated in the Jacksonville District Test Implementation Plan (see article above). This group submitted six projects to the Center for consideration in the FY02 program.

The Structural FAC Group is holding monthly telephone conference calls. Contact Lori Taylor at St. Paul District, 651-290-5581, if you are interested in participating. They are currently working on developing a structural web site and a MathCAD Library. The MathCAD library will be hosted on the Seattle FTP server until the structural web site is active. Lori Taylor also conducted a commercial software survey of the districts (only about half of the districts responded), which you can obtain from her or Jean McGinn, HQUSACE. This group submitted three projects to the Center for the FY02 program

The Architectural FAC held a meeting in March at the Fort Worth District, where they developed five projects to submit to the Center for the FY02 Program.

The Civil Site FAC had a very productive conference, with Center personnel in Fort Worth in January, to refine the AEC Civil CADD Standards. Steve Spangler, Center PI for A/E/C Standards continues to use this group to evaluate any other ideas that come along. They are also coordinating with the CADD Center to finish the Civil/Site Virtual Center for Expertise website. The new chair of this group is Edward Murphy, CESWF, 817-978-2312, x1804.

The Cost FAC continues work on their project for the Center FY01 program. This project is # 01.026 and the description can be found on the Center web site under "Projects."

The chair of the new Geotechnical FAC is Glenn Kato, CENWS. If you are interested in this FAC, contact Glen at 206-764-3460.

Interior Design Web Site

The new Interior Design Resource Web Site Prototype is now available for review. This site provides links to various Interior Design, Corps of Engineers and Department of Defense related sites. All comments should be sent to Marsha Walkup, CENWK, or David Johnson, CEWES. The site is available for viewing at https://tsc.wes.army.mil/ID_Resources_DoD/index.htm.

MicroStation Workspace Status

"Workspace 2.0 is available for [download](#). Unzip the files into a temporary directory and run the file SETUP.exe to install the application. Individuals wishing to install the Workspace using the Administrator Option will need to contact Stephen Spangler spangls@wes.army.mil or Edward Huell huelle@wes.army.mil to obtain the administrator password.

This release of the Workspace does not contain all of the changes recommended by the Civil,

Mechanical, Structural, and Electrical FAC groups. These changes included new additional model file types, level/layer symbology revisions, and cell library modifications. These changes are currently being incorporated into the database of the Workspace and will be incorporated in the application before the next release.

“Tutorials and training files on how to use the Workspace are available on the Center ftp site at tsc.wes.army.mil. Login as anonymous and use your e-mail as the password. The directory the files are stored in is /out/Userstrain/. UCG.pdf contains the User's Training guide and class_files.zip contains the .dgn files for the exercises.

“If you are a system administrator and have taken our System Administrator training class, you can request a System Administrator's version of the above files. This includes all the files in the User's version, as well as the A/E/C Standard database and workspace generator files for making site-specific modifications to the workspace. While the Center does not encourage deviations from the standard, this option is available. Please e-mail Stephen Spangler (spangls@wes.army.mil) for instructions on downloading these files.”

{This item copied from CADD/GIS Center web page.}

InRoads MDL and SelectCAD Versions Preference Files

Preference files conforming to the A/E/C CADD Standards are now available from the CADD/GIS Technology Center Web site at <http://tsc.wes.army.mil>.

Spatial Data Standards Implementation Workshop

The next Spatial Data Standards (SDS) Implementation Workshop will be held at the CADD/GIS Technology Center, Army Engineer R&D Center, Vicksburg, Mississippi **7 – 9 August 2001**. For additional information, and to register for the workshop, go to the "Classes" area on the CADD/GIS Technology Center's Internet Web Site , <http://tsc.wes.army.mil> . The workshop provides both classroom and "hands-on" instruction concerning implementation of the SDS using commercially available GIS and relational database software. The "hands-on" instruction is based upon Intergraph GeoMedia & ESRI ArcView GIS software, and Microsoft Access database software.

Relatively Painless

A valuable tool on the Corps Knowledge base web site (<http://ckb.wes.army.mil>) is the knowledge base. You can access this information through the link at the bottom of the left side directory. Here you can find information about what software and hardware other districts are

using, and a contact to call for more information about how these systems perform. Actually, **you can only get this information about 10 districts** -- Rock Island, Sacramento, Seattle, Albuquerque, St. Paul, Mobile, New England, Memphis, Honolulu, and Baltimore – **no progress in the past three months – no districts added!! So, what is relatively painless???** Getting your information into the system is the answer. Contact Mary Diel of Sacramento District (by e-mail) for instructions, login, and password. This information is valuable to us at Headquarters, and pulling it off the web is much simpler than sending out another survey to the field! We appreciate all those who have posted information so far. Let's all get on the bandwagon and get the information posted so that we don't have to send out another RFI.

E&C Move to G Street

Engineering and Construction Division will be moving to the main Headquarters Building at 441 G Street. The current schedule is for the move to take place 21 May. After that date, our address should be 441 G Street, Washington, DC 20314-1000. All phones will also change. E-mail will stay the same.

Call for Articles

All articles in this issue of the Newsletter were written by Jean McGinn, CECW-EE. I would encourage anyone in the field who has CADD related information of general interest to Corps personnel to submit articles (to my e-mail address) for the next issue, which should be issued the end of June.