Commercial numbers are (573) 563-xxxx and Defense System Network (DSN) numbers are 676-xxxx unless otherwise noted.

Directorate of Training (DOT)

Officer Education System (OES) Transformation. The Army is moving forward with its plans for transformation of the OES. The proposed transformation is based on findings and recommendations from the Army Training and Leader Development Panel officer study published in May 2001. The transformed education system will include the following:

- *Basic Officer Leader Course (BOLC).* This course will ensure a tough, standardized, small-unit leadership experience that flows progressively from precommissioning (BOLC I) to the initial-entry field leadership experience (BOLC II), and then to branch technical/tactical training in BOLC III. BOLC III will be held in residence at the U.S. Army Engineer School, Fort Leonard Wood, Missouri. Plans are for the BOLC to be fully implemented in the 3d quarter, FY06.
- *Combined-Arms Staff Course (CASC)* and *Combined-Arms Battle Command Course (CABCC).* CASC is designed to train staff officer skills. The Engineer School has developed a modular concept for CASC that is built around six engineer staff/technical courses: assistant brigade engineer, assistant division/corps engineer, task force engineer, geospatial manager, construction engineer, and U.S. Army Corps of Engineers engineer. All six courses will include advanced distributive learning (ADL) and new high-impact resident training experiences. These courses will provide assignment-oriented training, just in time for the staff duty position. The construct of this design allows engineer officers to receive training before assuming a staff/technical position anywhere along their career path. The six courses have some foundational knowledge in common. This commonality allows for reduced training time as officers receive the foundational knowledge in the first course attended. Subsequent courses will not repeat this baseline, but will build on it to train the unique skills and knowledge for that course.

  Like CASC, the Engineer School has developed a modular construct to train battle command skills in CABCC. The curriculum in the proposed command course is divided into seven modules: take command, train, administer, maintain, deploy, fight, and lead. Each module will include both distance learning and experiential training activities. The course will culminate with a two-week combat training center (CTC) experience.

  Currently, the Army is considering two courses of action for CASC and CABCC. The first option separates the two training experiences into two distinct courses. CASC would require the student to complete two weeks of common-core ADL, one week of branch-specific ADL, and a two-week residential phase. CABCC would require two weeks of common-core ADL, two weeks of branch-specific ADL, a four-week residential phase, and a two-week CTC experience.

  The second course of action would combine the two experiences into one course. Under this option, the student would complete three weeks of common-core ADL, three weeks of branch-specific ADL, a six-week residential phase, and a two-week CTC experience. Both courses of action will be piloted in FY05. Plans are for the selected option to be fully implemented in FY06.

- *Intermediate Level Education (ILE).* ILE will provide all majors with the same common core of operational instruction and additional tailored education opportunities tied to the officer's specific career field/branch/functional area. Plans are for ILE to be fully implemented by 4th quarter, FY05.

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Contingency Operations (CONOPS) Training. In response to the Combined Arms Center's requirement that proponent schools provide additional training opportunities to students en route to "troop-listed" units, the Department of Instruction is teaching the following subjects to identified engineer noncommissioned officers (NCOs), lieutenants, and captains:

- Mine awareness training—Iraqi-theater specific
- Iraqi intelligence briefing
- Terrain analysis—developing and manipulating data and terrain products for the country
- Combined-Arms Lessons Learned from Desert Storm and other relevant operations

This training is being given to students with assignments to U.S. Army Europe; Fort Benning, Georgia; Fort Campbell, Kentucky; Fort Stewart, Georgia; Fort Riley, Kansas; Fort Carson, Colorado; and Fort Hood, Texas. Initial sessions were held on 25 January and 1 February. This training provides a tremendous opportunity for NCOs, lieutenants, and captains who will serve together in the not-too-distant future to interact with each other here at the Engineer School.

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Countermine/Counter Booby Trap Center (CMCBTC). The Center has developed seven countermine-related training packages: mine awareness training, mine awareness instructor training, engineer-specific countermine training, engineer-specific countermine instructor training, counter booby trap familiarization, Matilda robot training support plan

(operator maintenance and employment), and Handheld Standoff Mine-Detection System (HSTAMIDS) training support plan. By the end of February 2003, the Center will have provided training to about 4,500 troops, CONUS and OCONUS. In addition, the Center has completed or initiated the following:

- Developed handbooks to counter the mine and explosive hazards facing our forces in Afghanistan (Explosive Hazards Reference Guide) and Iraq (Commander's Guide and Soldier's Handbook). Handbooks were coauthored by the National Ground Intel Center and Navy Explosive Ordnance Disposal Technical Center. They include common mine and unexploded ordnance (UXO) disposal hazards, plus their doctrinal usage; recognition features; immediate action drills; reporting; countermeasure equipment; and tactics, techniques, and procedures to deal with these threats. The Afghanistan book addressed known land mine hazards. The Iraq handbooks consist of a common soldier handbook and a more detailed commander's reference guide. Both Iraq books include land mines and UXO hazards and are available on the Web site discussed below.
- Is developing the Tactical Minefield Database (TMFDB) in concert with the Topographic Engineering Center and its materiel developer, Northrop-Grumman/TASC. The TMFDB can track and display point, linear, and area obstacles, minefields, and explosive hazards. Built as a subset of the Maneuver Control System (MCS)-Engineer, the application is being designed to interface with the command and control personal computer (C2PC) and MCS-Light, plus input and output minefield databases to multiple formats (for example, United Nations standard Information Management System for Mine Action [IMSMA]). This capability will be exportable and available to designated units via the Secure Internet Protocol Network (SIPRNET).
- Established classified Web sites on the SIPRNET (*http://www.faisa.army.smil.mil/remote/tradocmo/*) and on the Joint Worldwide Intelligence Communications System (JWICS) (*http://www.faisa.ic.gov/remote/tradoc/tradocmo/*). It also has an unclassified Web site (*http://www.wood.army.mil/cmcbtc/*).

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Mine-Detection Dog (MDD) Detachment. The MDD Detachment was approved by the Vice Chief of Staff of the Army and will be established at Fort Leonard Wood in FY04. DA approved $4.8M and will fund in increments, with the first increment expected to arrive by February 2003. An additional skill identifier has been designated (K9), and eight soldiers have been assigned to the MDD Detachment.

POC is Mr. Jim Pettit, 37887; DSN -7887, e-mail *pettitja@wood.army.mil*.

WANTED! Applicants for Terrain Analysis Technician Warrant Officer. Military occupational specialty 81T NCOs with five to twelve years of service may apply. The duty description is in DA Pamphlet 611-21, *Military Occupational Classification and Structure*. Soldiers may obtain information on how to become a warrant officer on the home page of the Warrant Officer Career Center, *http://leav-www.army.mil/wocc/* or U.S. Army Recruiting Command *http://www.usarec.army.mil/hq/warrant/*.

POC is SGM James Biggerman, 37232; DSN -7232; e-mail *biggermanj@wood.army.mil*.

Proponent Guidance "Promotion Book." The Engineer Personnel Proponency Office (EPPO) prepares proponent guidance for panel members to use to select soldiers for promotion to senior grades (E-7 through E-9). The guidance is posted on the EPPO Web site for NCOs to check where they stand. New guidance is posted on the day the annual board meets. Guidance for the upcoming calendar year 03 Master Sergeant Centralized Selection Board has been completed and is posted on the Web site.

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Center for Engineer Lessons Learned (CELL). The Web site repository of lessons learned is continually being updated. We have added a listing and short synopsis of Operation Enduring Freedom lessons learned. This list will continue to be updated as we receive material. You can obtain this material by viewing the CELL Web site (*http://www.wood.army.mil/CELL/index.htm*), selecting the items you want, and sending an e-mail request or calling the CELL POC below. Most current operations material is for official use only (FOUO) and cannot be placed on a public Web site but can be sent to a *.mil* e-mail address.

We thank units and individuals that have sent digital copies of their lessons learned and after-action reports (AARs) We request that all units forward engineer lessons learned and AARs from exercises and operations to the CELL POC. This material is used to revise/develop doctrine and training and is provided to units preparing to conduct similar missions. Others can benefit from your experiences.

POC is Mr. Reggie Snodgrass, 34117; DSN - 4117; e-mail *snodgrar@wood.army.mil*.

Field Manual Update. The Doctrine Development Division will release two publications for review in February 2003. The Regiment's capstone manual, FM 3-34, *Engineer Operations*, will be released as a coordinating draft. FM 3-34.221, *Engineer Operations - Stryker Brigade Combat Team*, will be released as a final draft. The development of quality doctrinal manuals requires the incorporation of lessons learned and insights based on the operational experience of the Regiment. As part of your busy schedules, please allocate some time to review these important manuals and provide us your feedback.

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