

# Digital Master Gunner Course offers unique training

By CW4 (R) Wesley Postol

The Signal Center of Excellence has established a Digital Master Gunner Course, which provides unique information management and knowledge management technology training to non-commissioned officers.

"I can't get to the art of war because the science is holding me back," said COL (P) Robert Abrams former commandant of the Combined Arms Training Center. Based on the recent Change 1 to Field Manual 3-0 (Operations), the science consists of systems and procedures to improve the commander's understanding and support accomplishing missions. Within the science exist four primary tasks:

- Conduct the operations process: plan, prepare, execute, and assess
- Conduct knowledge management and information management
- Conduct inform and influence activities
- Conduct cyber/electromagnetic activities

COL Abrams' problem statement became the impetus to creating "Digital Master Gunners" responsible for each warfighting function-specific digital system. The Army Battle Command Strategy mandates that each Training and Doctrine Command Center of Excellence offer a DMG Course to enable Soldiers in the science of Mission Command [Battle Command].

The DMG Course is only offered at Fort Gordon, Ga., at this time. The DMG Course trains NCOs to become

masters of the tactical local area network, Battle Command Common Services, and integrators of information within Army Battle Command Systems.

IM/KM technology-based positions exist at Brigade Combat Team/Multifunctional Brigade and higher (e.g. the Senior Battle Command NCO in the corps KM Section or the Senior Information Technology Specialist in the BCT/MF S6 Section). In the past, Soldiers filling these positions did not arrive at their units adequately trained. The fact that they hit the ground at the end or after the TRAIN phase of the ARFORGEN cycle created a gap in Soldiers developing the right IM/KM technology knowledge, skills, and abilities necessary for deployment.

The SigCoE is addressing the training gap via two solutions. The first effort is the insertion of Battle Command systems into the Signal MOS/AOC generating and leadership courses. Table 1 depicts what IM/KM technology training will be included in each course

The SigCoE established the Signal DMG Course as a second solution to address training gaps. The Signal DMG Course was designed to fill a training void related to keeping pace with rapidly changing and emerging Army and joint IM/KM technologies. The Signal DMG will fill IM/KM positions in the G6/S6 and KM Section and focus on the configuration, installation and integration of ABCS, BCCS, DTOC and the CPN, planning and management of BCT/BN signal communications, including information flow, architecture and operations of mission command systems integration, leading to the common operational picture development and display in the Digital TOC.

Table 3-2  
TRADOC Non-Proponent CoEs and Schools

CoE/School	AIT	ALC	SLC	WOC	BOLC	CCC
<b>Maneuver Support Center of Excellence (MScOE)</b>						
Engineer	-FBCB2	-FBCB2	-TBC Client	-TBC Client -FBCB2	-FBCB2	-TBC Client
Military Police	-FBCB2				-FBCB2	-TBC Client
Chemical		-TBC Client	-TBC Client		-TBC Client -FBCB2	-TBC Client
<b>Signal Center of Excellence (SigCoE)</b>						
SigCoE	-TBC Client -FBCB2 -TBC Server	-TBC Client -FBCB2 -TBC Server	-TBC Client -FBCB2 -TBC Server	-TBC Client -FBCB2 -TBC Server	-FBCB2 -BCS3 -AFATDS -AMDWS -TAIS AWS -DCGS-A -GCCS-A -TBC Server	-FBCB2 -BCS3 -AFATDS -AMDWS -TAIS AWS -DCGS-A -GCCS-A -TBC Server
<b>Soldier Support Institute (SSI)</b>						
SSI		-FBCB2	-FBCB2	-TBC Client -FBCB2	-FBCB2	-TBC Client
<b>Chaplain School</b>						
Chaplain School	-TBC Client -FBCB2	-TBC Client -FBCB2	-TBC Client -FBCB2		-TBC Client -FBCB2	-TBC Client -FBCB2

## Course Details

The S-DMG is a five-week functional course that builds the knowledge, skills, and abilities required by NCOs to provide information management/knowledge management technologies through the integration of BCCS, ABCS, and the local area network.

## Location

The Signal-DMG Course is conducted at Signal Command Center of Excellence, Fort Gordon, Ga.

## Course Dates

- 21 Jul – 25 Aug 11 (005-11)
- 05 Oct – 09 Nov 11 (001-12)
- 31 Jan – 04 March 12 (002-12)
- 28 March – 29 April 12 (03-12)

The screenshot shows the S6.ARMY.MIL website interface. At the top, there are logos for the 6th Signal Brigade and the S6 Community of Purpose. Below the header is a search bar and a navigation menu with categories like HOME, WHAT'S HOT, TOOLS FOR TASKS, DOCUMENTS, DIRECTORY, MENTORSHIP, BCT - MTOE, SPOTLIGHT, and LINKS. A sidebar on the left contains sections for FIELD SUPPORT, COLLABORATION TOOLS, KNOWLEDGE CENTERS, and TRAINING TOOLS. The main content area features a 'Digital Master Gunner' section with a PDF link and a central diagram of the 'Battle Staff Integrator'. The diagram is a circular hub with arrows pointing to various functional areas: Mission Command, Signal, Fires, Aviation, Sustainment, Intel, Maneuver Support, and Maneuver. At the bottom of the page, there is an update notice: 'UPDATE!!! The next class is 28,FEB - 01,APR 2011.'

in Kosovo and Operation Iraqi Freedom. He has served as a battalion and brigade S6 during real deployments. In his last assignment he resourced and created the Digital Tactical Operations Center course focused on teaching all equipment as a student would see in a command post with a concentration on ABCS, and BCCS Server. He currently is the course manager for the Signal Digital Master Gunner course and a senior C4 systems analyst for Science Applications International Corporation.

## ACRONYM QuickScan

- 30 May – 01 July 12 (04-12)
- 18 July – 19 Aug 12 (05-12)
- 12 Sep – 07 Oct 12 (06-12)

### Sign up Contact:

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### Course Material Covered

- Roles of Signal-DMG
- Warfighter Information Network-Tactical
- CISCO Router and Switches Integration
- Satellite Transportable Trailer
- Cisco Call Manager
- VOIP
- Network Monitoring
- Firewall Configuration
- CPN Encryption Devices
- Network Troubleshooting
- VMware
- ABCS Integration
- Blue Force Tracking
- FBCB2
- LDIF / Data Products
- Maneuver Control System
- TBC Clients and Servers

- BCS / PASS Functionalities
- Microsoft Server and Client Operating Systems
- Command Post of the Future (CPOF)
- C2 Systems Troubleshooting

### Prerequisites

- Active and Reserve Component 25B and 25U NCO in the grade of SGT, SSG or above.
  - Successfully complete a 50 question entry quiz with a 70% before arrival.
  - Army personnel must be IAW AR 600-9 height / weight requirements.
  - A Secret clearance is required for attendance to this course.
  - Prerequisites grade and MOS may be waived by LTC/ COL commander (in writing in coordination with the course manager).
- More Information available at <https://s6.army.mil>

*CW3 (R) Wes Postol retired in 2010 after 22 years of military service. His assignments include 10th Mountain, 82nd Airborne, 3rd Infantry Division, 3-75 Ranger, 1ST Armor Division, 173RD ABN, 4ID. Deployments include Desert Storm, Macedonia, Albania, Hungary, and two tours each*

**ABCS** - Army Battle Command Systems

**BCCS** - Battle Command Common Services

**BCS** - Battle Command Server

**BCT CP** - Brigade Combat Team command post

**BCTS** - The Battle Command Training Strategy

**BFT** - Blue Force Tracking

**C2** - Command and Control

**CoE** - Center of Excellence

**CAC-T** - Combined Arms Center Training

**CP** - Command post

**CPN** - Command post node

**CPOF** - Command Post of the Future

**FBCB2** - Force Twenty one Brigade and Below

**IMT** - Initial Military training

**JNN** - Joint Network Nodes

**LDIF** - Lightweight Data Interchange Format

**MCS** - Maneuver Control System

**NET** - New equipment fielding

**PME** - Primary Military education

**SCOM** - System Center Operations Manager

**S-DMG** - Signal Digital Master Gunner

**SoS CP** - System of System Command Post

**STT** - Satellite Transportable Trailer

**VOIP** - Voice over Internet protocol

**WIN-T** Warfighter Information Network-Tactical