

What you didn't know ...

As we put the final touches on this Fall 2003 edition of *the Army Space Journal* focused on Space technology, I keep going back to the human factor. In this edition we have added a new section titled "*The Flipside*," which includes a historical feature on Sergeant Major Edgar A. Perry on page 60. Edgar was just an average Joe — a bit down and out — who came into the Army and did his best. He made himself better. He stood out. He was selected by his superiors for more challenges and responsibility. I guess the point is that even before a Civil War when they were volleying cannon and musket balls — some human characteristics about our Army became true. Before he was selected as sergeant major, Edgar was in a bit of a tight spot. He hadn't been honest with the Army — he had lied in his enlistment paperwork. Neither had he come clean with his family — they didn't know he had joined the Army. So, in the fall of 1828, Edgar told the company commander the truth.

Fast-forward to the late 1950s in our Army. Another story. An Army lieutenant colonel is commissioned by the Army to create a series of drawings to illustrate the Army of the future. His drawings are on pages 14-15. Imagine having the job of trying to illustrate what our Army will look like 40 years down the road. There is no "back to the future" to help prod the creative juices. We found the lieutenant colonel's artwork and story last year buried in the Army's archive in downtown Washington, D.C. What I like about the futuristic artist is courage.

I don't think it's too far out there to say that the same human factors are true as we delve into Space technology and current Space operations. Really, both Edgar and this artist are not unlike the men and women who've accomplished great things in the history of Space and missile defense as technology evolved and developed from the early days until now. A stand out is the "Pumpkin-Chunking" article beginning on page 40. While the author explores technology development since World War II, he does it from the perspective of the human element. The beginnings of Air and Space goes to the Civil War when units used balloons to raise a photographer high enough to shoot pictures showing the other side of the battle line. Later, kites and pigeons carried cameras high up to remotely snap photos. The earliest missile related history shows primitive horse-drawn launchers with primitive rockets. When you consider that today we have sophisticated satellite and missile defense systems, I believe that human side must've come out during development.

A bit unrelated, but an appropriate editorial. Our Letters to the Editor section is growing, as are other sections in *the Journal*. If you have letters, please send the email to michael.howard@arspace.army.mil. In addition to the new historical spot in *the Journal*, we've added a Space News section beginning on page 58. The point here is that we are looking for ways to make this publication more useful. If you have ideas on future theme topics — or you have recommendations for already published articles to be highlighted in the Space News section, or have an idea for an historical feature — please email to richard.burks@arspace.army.mil.

One additional note. Four individuals have left SMDC over the last several months after creating and making this *Journal* what it is today. COL Glen Collins created this publication as a professional Journal intended to keep the Army Space officer in career Functional Area 40 informed on Space initiatives. Collins retired in October. It was Bill Furr who first brought me a copy of a Space magazine, suggesting we look at something similar for the Army. Furr left SMDC in October. Next it was BG Richard V. Geraci who envisioned the publication as not only professional development for the Space operator, but a way to make our customer, the warfighter, aware of Space-based capabilities. Geraci left SMDC in June. Finally, it was LTG Joseph M. Cosumano Jr. who constantly encouraged us to raise the bar across the board on this publication. Cosumano, as he likes to put it, is "transitioning" to civilian life in the near future.

I should tell you one more thing about Edgar. Edgar lied about his name. His real name is Edgar Allen Poe. What I think is fascinating, Edgar Allen Poe stood out in the 1st Artillery Regiment during his time as an enlisted man. His leaders saw his potential, even though he ultimately didn't find it as an Army officer.

Just something to think about as you read between the Journal covers.

— Michael L. Howard
Editor in Chief

Letters to the Editor

I spent my Air Force career working Space programs and since becoming a civilian, I have been supporting DoD Space programs (including working with Ed Zehner on the Joint Staff) as well as starting my dissertation on Space policy — I'd like to get a subscription to the Army Space Journal.

— Lawrence Cooper

I'm a Greek journalist working as Editor-in-Chief of the monthly Greek defense journal "Ptisi/Isorropia Dymameon" ("Flight/Power Balance"). Recently, in the Hellenic Army General Staff, I found an issue of the Army Space Journal (Special Edition, Operation Iraqi Freedom) and would be extremely grateful if you could add me to your distribution.

— Pericles Zorzovilis

I do not think that many people know about the Army Space Journal, but I will definitely spread the word to the DC area crowd. We all read Space News, and this would be a great addition. I am an Air Force Academy and International Space University graduate, so this is core to my business. Thank you.

— Roscoe Moore III

I am a U.S. Army Signal Corps instruc-

tor with the Joint C4I Staff and Operations Course (JC4ISOC), Joint Forces Staff College, in Norfolk, Va. Our four-week course is taught six times per fiscal year at the TS/SCI level. We are sponsored by the Joint Staff J6 and have been in existence since 1978. Our focus of instruction is at the strategic and operational levels (baseline is the JTF). Our Web site is www.jfsc.ndu.edu, then click on "Schools and Academic Programs", "JCIWS," and then "C4I Division" for course particulars.

I would like to request we be placed on your organization's distribution list for the Army Space Journal. We are trying to encourage more of the Army Space community to attend our course, and having this reference will help enlighten our faculty and course curriculum structure.

Please include us in your distribution.

— Reynold F. Palaganas

I am just starting the Naval Postgraduate School and studying Space Systems Engineering. I would like to receive the Army Space Journal. Thanks!

— LCDR Michael A. Porter

Letters to the editor are welcome and encouraged. The Army Space Journal reserves the right to edit for brevity and clarity. Unfortunately all letters cannot be printed due to space. You may send letters to the editor in chief at michael.howard@arspace.army.mil