

# Field Artillery

A Joint Magazine for US Field Artillerymen

November-December 2005

HQDA PB6-05-6

## ARTICLES

### 1 Field Artillery Azimuth 2005 to 2015

By Major General David C. Ralston

### 9 ADA and FA: Finding Common Ground

By Colonels Gregory C. Kraak, FA, and Harry L. Cohen, ADA

### 14 The Fires Brigade—Not Your Daddy's FFA HQ

By Lieutenant Colonel Samuel R. White, Jr.

### 20 The Army's First Fires Brigade

By Captain William H. Ward, CC

### 21 2nd Division Warfighter: EBO from the Operational to the Tactical Levels

By Chief Warrant Officer Three Harry L. Pershad and Lieutenant Colonel David W. Napier

### 26 RCT-1 Fires in the Battle of Fallujah

By Lieutenant Colonel Keil R. Gentry, USMC

### 30 Observations from the Wolf's Den: Training to be a Maneuver (and Fires) Task Force

By Lieutenant Colonel James L. Miller

### 35 "Down and Dirty"—Training an FA Bn to be a TF in Iraq

By Lieutenant Colonel Robert H. Risberg

### 36 FA Battery Trends in Stability and Support Operations—Simultaneous Maneuver and Fires Missions

By Major Jerome S. Morrison II

### 40 Brigade Combat Teams and Support Brigades

Proposed Unit Designations in the Army Modular Force, Center of Military History

## DEPARTMENTS

### 5 Incoming

**Front Cover:** Smoke billows from the newly fielded M777 lightweight 155-mm towed howitzer as the first USMC FA Cannoneers fire the howitzer during military occupational specialty (MOS) training on 23 March 2005. The system began fielding to the Marines in May and eventually will replace the aging M198 155-mm towed howitzer in the Army and Marine Corps. (Photo by Fred W. Baker III)

**DISCLAIMER:** *Field Artillery*—is published bimonthly by Headquarters, Department of the Army, under the auspices of the US Army Field Artillery School (Building 758), Fort Sill, OK. The views expressed are those of the authors, not the Department of Defense or its elements. *Field Artillery's* content doesn't necessarily reflect the US Army's position and doesn't supersede information in other official Army publications. Use of news items constitutes neither affirmation of their accuracy nor product endorsements.

**PURPOSE:** (as stated in the first *Field Artillery Journal* in 1911): To publish a journal for disseminating professional knowledge and furnishing information as to the Field Artillery's progress, development and best use in campaign; to cultivate, with the other arms, a common understanding of the power and limitations of each; to foster a feeling of interdependence among the different arms and of hearty cooperation by all; and to promote understanding between the regular and militia forces by a closer bond; all of which objects are worthy and contribute to the good of our country.

**OFFICIAL DISTRIBUTION:** US Army and Marine Corps Active and Reserve Components FA units: seven copies to corps artillery, division artillery, FA/fires brigade, brigade combat team (BCT), Stryker BCT, regimental combat team units and Marine regimental headquarters and battlefield coordination detachments (BCDs); 13 copies to FA/fires battalions; and seven copies to fire support elements (FSEs), fires and effects cells (FECs), fire support coordination centers (FSCCs), force fires coordination centers (FFCCs) and separate batteries or detachments. In addition, other US government agencies that work with FA or fire support personnel, issues, material, doctrine, training, organization or equipment may request a limited number of free copies. These include, but are not limited to, other branch or service units, training centers, schools, recruiting commands, readiness groups, libraries, education centers, project managers, arsenals, laboratories, state adjutant generals, liaison officers, military academies, ROTCs, major commands, military attaches and public affairs offices.

**PAID SUBSCRIPTIONS:** Those ineligible for Official Distribution may subscribe through the US Field Artillery Association, P.O. Box 33027, Fort Sill, OK 73503-0027 or [www.fieldartillery.org](http://www.fieldartillery.org). Telephone numbers are (580) 355-4677 or FAX (580) 355-8745 (no DSN). Dues are \$20 per year to US and APO addresses. The international rate is \$55 for a one-year subscription.

**SUBMISSIONS:** Mail to Editor, *Field Artillery*, P.O. Box 33311, Fort Sill, OK 73503-0311. Telephone numbers are DSN 639-5121/6806 or commercial (580) 442-5121/6806 or FAX 7773 with DSN or commercial prefixes. Email is [famag@sill.army.mil](mailto:famag@sill.army.mil). Material is subject to edit by the *Field Artillery* staff.

**REPRINTS:** *Field Artillery* is pleased to grant permission to reprint articles. Please credit the author and *Field Artillery*.

**POSTMASTER:** *Field Artillery* (ISSN 0899-2525) (USPS 309-010) is published bimonthly. Periodicals postage is paid by the Department of the Army at Lawton, OK 73501 and an additional mailing post office. Send address changes to *Field Artillery*, P.O. Box 33311, Fort Sill, OK 73503-0311.

**Redleg Hotline & Email**  
(Organization, Material, Doctrine and Training)  
DSN 639-4020 or (580) 442-2204 (24-Hours)  
[redleg@sill.army.mil](mailto:redleg@sill.army.mil)

**CounterStrike Task Force**  
<https://counterstrike.army.smil>

**Field Artillery Home Page & Email**  
[sill-www.army.mil/famag](http://sill-www.army.mil/famag); [famag@sill.army.mil](mailto:famag@sill.army.mil)

By Order of the Secretary of the Army:

**Peter J. Schoomaker**  
General, United States Army  
Chief of Staff

Official:   
**SANDRA R. RILEY**

Administrative Assistant to the  
Secretary of the Army, 0520308

**David C. Ralston**  
Major General, United States Army  
Field Artillery School Commandant

**Editor:** Patrecia Slayden Hollis

**Art Director:** Fred W. Baker III

**Managing Editor:** Reta L. Rogers

**Assistant Editor:** Tonya S. Goforth

of the Vermilion Parish. The battalion also had our LRSD [long-range surveillance detachment] from 313th MI [Military Intelligence] and engineers from the 307th Engineers as part of its task force.

The Div Arty also integrated into the EOC in Abbeville, Louisiana, to assist in the command and control of the numerous relief organizations pouring into the devastated area.

The Div Arty and the 2-319 AFAR battalion staffs coordinated and conducted countless over-flights of the destroyed parish with local, state and federal officials to assess all key facilities and infrastructure.

In addition to these missions, the Paratroopers from the 1st and 2nd Battalions of the 319 AFAR continued to display their respect and honor for their fellow American citizens by helping more than 195 elderly Americans move back from Baton Rouge to their assisted-living homes in Lafayette.

As a testament to the success of their efforts, the local high school in Vermilion Parish officially adopted 2-319 and honored the Paratroopers by having 350 T-shirts made on their behalf and treating them to home-cooked meals of jambalaya and gumbo daily.

**Hurricane Rita Relief Operations in Cameron Parish.** Simultaneous with their operations in the Vermilion Parish, I launched 2-319 via UH-60s, with two hours' notice on 26 September to the most southwestern Louisiana parish of Cameron. With 950 square miles flooded, the parish was hit the hardest by Hurricane Rita in Louisiana.



Photo by Gerry J. Gilmore

New Orleans resident Alexcener Reaux, 74, thanks SSG Samuel H. Zoker for his help outside her home in Algiers, Louisiana, 17 September. Zoker is with A/2-319 AFAR.

The Paratroopers immediately began clearing debris from primary roads, coordinating over-flights for key civilian leaders and assisting USDA [US Department of Agriculture] representatives and local farmers in delivering water and hay to more than 3,000 head of cattle stranded in what was once fields and marshland.

At the completion of this mission, 2-319 AFAR had delivered more than 20 tons of hay, 25 water troughs and 10,000 gallons of fresh water to the area's cattle, the primary source of livelihood for the hardworking citizens of Cameron Parish.

Additionally, while two of the Div Arty's Paratroopers were on a routine reconnaissance mission, they happened upon a team of marine biologists who had been staying with a stranded dolphin for more than 48 hours. The Paratroopers helped this team by coordinating for a Coast

Guard helicopter. They then waded chest deep into the flooded area where the dolphin was stranded, helped lift it into the helicopter and escorted it to the Gulf of Mexico where it was released to swim to freedom.

**Effects-Based Operations (EBO).** During all these relief efforts, the division FSE [fire support element] was the "center of gravity" of my division staff. No other element was so ideally suited for collating and sifting through the large amounts of information gathered by our subordinate elements and the DTAC [division tactical command post].

The FSE presented the information in a fashion that facilitated senior-level decision making and developing and communicating a vision for future operations. Daily,

I took the key nuggets of information presented by the FSE to brief and inform the key civilian, military and political authorities. The senior leaders in FEMA, the JTF [Joint Task Force], and the New Orleans and Louisiana Governments relied heavily on the information provided by Major [Daryl L.] Fullerton and Master Sergeant [Philip P.] Serrano [division FSE] to make the best possible decisions for the people of New Orleans.

As all of you can see, it was a terrific performance by Vic and his crew! Not surprisingly, the Div Arty continues to perform above and beyond expectations at all levels.

I could not have picked a better team to transform into the Army's newest Airborne Brigade Combat Team next year, the modular 82nd Airborne Division's 4th BCT. *All the Way!*

Bill [MG William B. Caldwell IV]

## Battlefield Coordination Detachment Activated

On 16 October 2005, the 4th Battlefield Coordination Detachment (BCD) was activated at Shaw AFB, South Carolina. The commander is Colonel Glenn Harp; his Sergeant Major is Michael Pinkney. A BCD is the senior Army liaison element in the theater air-ground operations system representing the ground or land component commander to the air component commander, normally the Air Force. The 4th BCD will support Central Command (CENTCOM) in

coordination with the Ninth Air Force.

The 4th BCD joins four other BCDs throughout the world. The 1st BCD at Fort Bragg, North Carolina, is a contingency BCD and supports CENTCOM, Northern Command (NORTHCOM) and Southern Command (SOUTHCOM). It is forward deployed in the CENTCOM area of operations. The 3rd BCD supports ground component forces in Korea and coordinates with the Seventh Air Force at Osan Air Base. The 19th BCD is at Ramstein AFB, Germany, and sup-

ports US Army Europe (USAEUR), coordinating with the 32nd Air Operations Group. The 2nd BCD is an Army Reserve unit at Hurlburt Field, Florida, that supports US Army and US Air Force Pacific at Hickam AFB, Hawaii.

The 4th BCD at Shaw AFB is expected to be fully operational by the beginning of FY07.

COL Jeffrey W. Yaeger, Director Joint and Combined Integration Directorate (JACI), Fort Sill, OK