

# DMA Officials Visit Chinese Map Makers



Chinese map making equipment is studied by three DMA officials on a recent visit to several facilities in the People's Republic of China. With PRC counterparts are, (left to right), Lawrence F. Ayers, Deputy Director of Programs, Production and Operations; Owen W. Williams, Deputy Director of Management and Technology; and Dr. Armando Mancini, Deputy Director of Systems and Techniques. (DMA Photo)

A new generation of map makers, working hard to keep abreast of developing technology and anxious to become part of the international community, was found in the People's Republic of China by a trio of top officials from the Defense Mapping Agency (DMA) on a trip to the Far East in December.

On the 10-day tour as guests of the Chinese National Bureau of Surveying and Mapping were Owen W. Williams, Deputy Director of Management and Technology; Lawrence F. Ayers, Deputy Director of Programs, Production and Operations; and Dr. Armando Mancini, Deputy Director of Systems and Techniques.

A whirlwind schedule which combined exotic meals and a stroll along the Great Wall of China with hours of technical discussions with their Chinese hosts found the DMA officials visiting the PRC's National Bureau, the Research Institute, the Publishing House, and the Military Bureau of Surveying and Mapping in Beijing (Peking). They also visited two component facilities: the Provincial Surveying and Mapping Bureau in Guangzhou (Canton) and the Wuhan College of Geodesy, Photogrammetry and Cartography in Hubei Sheng Province—the first Americans to visit the College.

Wherever they went, the American visitors found "the numbers of people staggering," says Williams. "It just overwhelmed you, whether they were performing labor in fields or at small and large industries, whether riding to and from work or whether shopping or just milling about in the streets.

"The people were curious and friendly with warm smiles and their hospitality was just fantastic," he added.

also was found at the Provincial Bureau of Surveying and Mapping by Ayers, who noted the director of the facility was "not only responsible for the mapping organization, but also for his people. He arranges their housing and assures that there are the proper number of rooms depending on number of children, their sex and ages. He arranges for the employees to receive permits to purchase bicycles, for instance. You are left with the feeling of total regimentation, but with so many people and so little in material goods, they must do it this way to survive."

Dr. Mancini said the visitors were "surprised and impressed with the capabilities of the college, in particular, and with the many benefits they have derived by bringing together in one institution all of the disciplines used in the photogrammetric, cartographic and geodetic sciences.

"It was obvious," he said, "that the Chinese are doing their best to keep current with European, American and Japanese MC&G technology."

Dr. Mancini found the Chinese very interested in measuring crustal movements using such technology as laser ranging. He described the potential and limitations of various technology in this area and the need to pick the technology best suited to a specific job because of the significant expense involved.

The DMA officials promised to

# Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Five nominees have been submitted for the second annual presentation of the Defense Mapping Agency's new Benjamin B. Lane Memorial Award for Technological Achievement.

The nominees are: Gerald M. Elphingstone, AC/STT; Harry C. Harris, HTC; Harry B. Heuerman, HTC; George F. Jokerst, AC/GDCT; and Bernard J. Kolo, AC/SDT.

Part of DMA's annual Awards Day program, the Lane Award was first made last year in honor of the late Benjamin Lane, who was an Aerospace Center employee and a pioneer in photogrammetric processes and techniques still used in the MC&G community. A plaque hangs in DMA headquarters lobby upon which each year's winner's name will be inscribed. First winner, in 1980, was Eugene V. Gamble, Jr. of the Aerospace Center.

The selection board for this award is Dr. Armando Mancini, Deputy Director, Systems and Techniques, HQ DMA; Dr. William C. Mahoney, Deputy Director, Systems and Techniques, AC; and Dr. Joseph J. Del Vecchio, Jr., Deputy Director, Systems and Techniques, HTC.

The three Aerospace Center employees were nominated based on the following criteria:

Gerald M. Elphingstone was cited for outstanding achievement in development of software required to support the mass production of digital terrain elevations from photogrammetric sources and his dedicated efforts to assure the compatibility of production requirements with current software systems to meet the increasing demands of the Defense Department. His dedication, the citation continues, has provided many new in-

novations that have significantly increased DMA's ability to meet rigorous quality standards demanded in these days of advanced technology and competition for dollar demands.

George F. Jokerst was cited for continually distinguishing himself through highly innovative technical contributions which significantly contribute to more accurate and efficient photogrammetric methods. Most prominent, it was noted, have been his contributions to the Continental Control Network (CCN), which he conceived, developed and managed for the past six years. He has also developed a CCN approach for use with different systems, which will afford tremendous cost savings in the near future.

Bernard J. Kolo was nominated in recognition of his achievements and contributions to the technological advancement of MC&G research, development and techniques in the relatively new technologies of digital and optical processing. His work in these areas resulted in true state-of-the-art advancements and in new technologies employed in major DMA and DoD programs such as the Pilot Digital Operations (PDO) aircraft trainers and Pershing II reference scene generation. He is specifically recognized for his outstanding report on Digital Image Enhancements for PDO and for developing a capability at the Center of reconstruct synthetic aperture radar from phase history data.

English has replaced Russian as the second language in China and were impressed with the number who wanted to "try out" their English on the Americans.

"All over China, we were told," Williams reported, "there is a major effort to learn English. It is taught every day on television and in schools and plants. English is recognized as the language to learn because the Western scientific and technological developments are usually available only in English."

**Ayers was impressed with Chinese efforts to keep abreast of current literature in the profession, particularly in light of the set-backs they received during the Cultural Revolution. He discussed this and other interesting points about the trip in a special slide/lecture presentation Tuesday night before a joint meeting of the technical and professional societies in St. Louis.**

"The Chinese pointed out at every opportunity the need to overcome the severe sabotage inflicted on the Chinese academic community by the infamous 'Gang of Four' over a 10-year period," Ayers reported, adding that "some estimates put the catch-up time as long as 10 years, as they work to re-develop data actually destroyed during that period, particularly in the geodetic and astronomic networks."

The DMA representatives found that China began to pay attention to Satellite Geodesy in 1974, that it recognized the benefits of taking part in the international satellite geophysical program and, in 1980, made 37 Doppler station observations as part of an initial network across China.

**A unique management situation**

changes of information with the Chinese hosts in the future.

On the personal side, the DMA visitors found one particular major adjustment necessary—keeping warm. "Visiting a college and settling in a room with absolutely no heat became a fact," notes Williams, "and it only took one day in the 40s to get to me and then my thermals became an every day must—but my feet never did warm up."

"I was told that heat comfort isn't a high priority item with them—and can vouch for that."

At the same time, the graciousness of their hosts made strong impressions on the visitors, particularly after they learned that Williams' mother and father had taught in China and that he had cousins born there.

The banquets themselves were major productions by Western standards—four of which consisted of up to 12 courses and dishes, including such delicacies as snake, frog's legs and octopus, as well as fish, pork and duck. The final course was, invariably, soup.

While the Americans visited many famous and exotic places, such as a monastery, flower show, the Imperial Palace and the Ming Tombs in Peking, it was the Great Wall which was the highlight of the tour.

"All were breath-taking and interesting," says Williams, "but the Great Wall was the most impressive of all. After some bad weather, we climbed and walked along the Great Wall on a clear, but very cold day.

"It's something we will never forget—as was the entire trip."

—Del Malkie  
HQ DMA/PA

## Key Selections

Homer T. Malone, GD, and Leo W. Saulnier, HQ DMA/PPS, have been selected to fill GS-14 positions in the Acquisition Systems Development Division of the Directorate of Systems and Techniques at HQ DMA.

Jerry J. Becker has been

selected to fill the GS-14 position in the Advanced Technology Division of the Directorate of Systems and Techniques at the Center, and Maurice A. King, Jr. has been selected to fill the GS-14 position in the Manpower and Management Division of the Comptroller Office at the Center.

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## ION meet Mar. 19

The St. Louis Section of the Institute of Navigation will hold a dinner meeting on Mar. 19 at Slay's Restaurant (Gravois and Laclede). John P. Carter and Robert B. Deadrick from McDonnell Douglas Astronautics Company will be the guest speakers and talk on the subject, "Spaceborne Laser Communications - Today's Technology". A short video tape of air-to-ground Lasercom tests from a C-135 aircraft at the White Sands Missile Test Range will be shown and solid state components available for examination.

The meeting will begin with social hour at 5:30 p.m., followed by dinner at 6:30, and program beginning at 7:30.

Ticket price is \$8.00 for members and guests (spouse or friend), or \$10.00 for non-members (\$2.00 toward membership). Tickets may be purchased from Roberta Beers/8407; John Flaherty/4806; Wally Haviland/8403; Horace Jackson/8396; Larry Rush/8431; and Adolph Wuenschel/8242.

## Self-development

An informal workshop regarding Aerospace Center employee self-development programs will be held Mar. 19 in the Center's Second Street Dining Hall from 4:00 p.m. until 5:00 p.m.

Jack Rea, Chief of the Employee and Career Development Division, will be there to answer questions regarding tuition reimbursement, tuition assistance, long-term full-time training, upward mobility, and any other questions about self-development programs.

There will be free refreshments and a cash bar sponsored by the Arsenal '76 Chapter of the Federally Employed Women.

## Lunch time movies

The Employee Assistance Program office has announced special lunchtime movies will be shown March 18 and 19 at the Center. Titled "Life, Death and Recovery of an Alcoholic," the movie traces the disease from the first drink to the severe, showing relationship with the employer, family and friends. It depicts embarrassing behavior, marginal work performance and forced retirement.

Showings will be held March 18 at 11:00 a.m., 11:30 a.m. and noon in the training room located on the first floor of Building 36 at Second Street. The March 19 showing will be held in training room 3 at South Annex Building 4 at 11:00 a.m., 11:30 a.m. and noon.

## AFAF Campaign Underway

Give a Helping Hand is the theme of the 1981 Air Force Assistance Fund campaign, which began this month, according to Capt. Charles Conner, PPGD, Fund Project Officer.

Donations to the Air Force Assistance Fund support the Air Force Village, Air Force Aid Society and Enlisted Men's Widows and Dependents Home. This year's goal for the assistance fund is \$3.2 million.

The Air Force Aid Society gives eligible Air Force active-duty, retired and reserve service members and family members a way to battle personal and family emergencies by offering interest-free loans or grants.

Aid is given for emergencies such as unexpected dental and medical bills. Moving costs and special educational requirements may also qualify. The aid society will also assist commands having special family support needs that cannot otherwise be financed.

The Air Force Village and Enlisted Men's Widows and Dependents Home are maintained for retired Air Force service members and their spouses. Both are non-profit, receiving much of their support from the fund.

The Air Force Village is a home for retired officers and their spouses, dependents and widows or widowers of retired regular Air Force, Air National Guard or Air Force Reserve officers.

The Air Force Enlisted Men's Widows and Dependents Home cares for retired enlisted service members and their widows and widowers older than 55 and in

## Civilian Welfare Council Reps Named



The new 1981 Civilian Welfare Council representatives and their alternates pose for a group shot after a recent CWC meeting.

The purpose of the Civilian Welfare Council (CWC) is to plan and administer a program which will establish and maintain adequate facilities and services for civilian employees. Post civilian welfare funds provide support for approved recreational and welfare activities. Such activities authorized are conducted on a planned basis and designed to meet needs and interests of employees, as their representatives determine.

Examples of approved activities include:

—Group activities serving special recreational, social, hobby, or occupational interests of limited numbers of employees, provided opportunity for participation is

extended to all interested employees.

—Contests for awards and prizes.

—Social activities, such as dances, parties, and picnics.

Any employee having suggestions or comments about what programs the Civilian Welfare Council participates in or sponsors should inform his or her CWC representative. This will enable the Council to better serve the needs of all employees.

Following is a list of the CWC representatives and their alternates for 1981. Paulette F. Martin and Eileen E. Connelly were re-elected as chairperson and recorder, respectively.

### Area 1

(D, CO, SO, SS, PR, ST, PA, EO, OC)

Frank Aufmuth/4181  
Alt. Bob Eddy

### Area 7b (SDC)

More information can be obtained from the Employee Assistance Office, ext. 4848.

## Scholarship luncheon

A benefit luncheon for a scholarship fund in memory of Gary J. Consolino is scheduled for March 29 at Bishop DuBourg High School from 1:00 to 3:00 p.m. Gary's father, Sam Consolino, is a recent retiree of the Aerospace Center's Scientific Data Department.

Young Consolino and his date, Ellen Jane Dooling, were shot to death November 15 in a still unsolved St. Louis crime.

Because of Gary's concern about youngsters being able to continue their education, the scholarship fund has been established at Bishop DuBourg. Complete information on the fund and the luncheon can be obtained from the school (832-3030) or the luncheon organizers, Mr. and Mrs. Downey (353-5583).

Luncheon tickets may be obtained at the Center from Arthur Stutz, CDABA, or Kenneth Swehla, SDP. Price is \$5.50.

## In case you didn't know

With the start of the new year, the Arsenal Credit Union changed their hours to better accommodate Aerospace Center employees. In case you hadn't noticed, the Credit Union is now open for business from 9:00 a.m. to 1:00 p.m. and 2:00 p.m. to 4:00 p.m., Monday through Friday.

## St. Louis Gateway Does Booming Business

More than 60 percent of Far East or Pacific-bound military personnel will move through Lambert-St. Louis International Airport gateway this year.

Up to 80,000 passengers will connect through the St. Louis facility, the newest of eight stateside-to-overseas gateways controlled by Military Airlift Command and the Army Military Traffic Management Command.

Lt. Gen. Thomas M. Ryan Jr, MAC vice commander, said

considerable thought was given to choosing St. Louis.

"It was a cost-effective decision that should save more than \$5 million a year and provide much more convenient travel arrangements for the passengers."

Before the gateway was opened in January, passengers were required to travel to Travis AFB, Calif., to connect with MAC charter flights. General Ryan said the St. Louis gateway should save passengers up to 12 hours' travel time from home base to Korea.

special circumstances, surviving spouses less than 55 years old and their family members.

Anyone wishing more information may contact Capt. Conner at ext. 4546.

## Scouters Luncheon

Eighteen volunteer Scout leaders who work at the Aerospace Center recently attended a luncheon at the Center Dining Hall. The event was held to celebrate the anniversary of Scouting in the United States, and as an opportunity for those who work in Scouting and Explorer programs to join together in fellowship and recognize their counterparts.

Those in attendance included: George Peo, Ronald Mordhorst, Richard Wolniewicz, Frank Finklang, Bob Champlin, Walter Maddox, Charles Peterson, Jack Connor, Joe Spytell, Frank Aufmuth, Wally Haviland, Dave Caverly, Charles Piller, Gross Marcus, Bob Maes, Robert Johnson, Phyllis Wells, and James Waters.

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**David L. Black**  
Chief, Public Affairs Office

**Nancy Brannon**  
Editor

Alt. Jim Mohan/4142

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Barbara Purlee/4861

Alt. Sandy Standeford/4316

**Area 3 (FE)**

Gary LeFave/4588

Alt. Curt Obervey/4237

**Area 4a**

(AD, ADP, ADT, ADL, ADA)

Eileen Connelly/8432

Alt. Bob Bradford/8407

**Area 4b (ADD)**

Linda Carter/8384

Alt. Phil Karnowski/8385

**Area 5a**

(CD, CDC, CDP, CDT)

Kathy Jungewaelter/4893

Alt. Ruth Tadrick/4676

**Area 5b (CDA)**

Norbert Kellner/8272

Alt. Jane Kolbe (8219

**Area 5c (CDI)**

Jenine Ketcham/4793

Alt. Barbara Smart/4513

**Area 5d (CDV)**

Mike Coulson/4425

Alt. Kate Doyle/4425

**Area 6**

(LOS, LOC, DA, DFR-C, DIS)

Paulette Martin/8309

Alt. Larry Hudson

**Area 7a**

(SD, SDP, SDT, SDR)

Alt. Eileen Sinival/4783

**Area 7c (SDD)**

Rose Bird/4491

Alt. Jaunetha Cade/4670

**Area 8**

(GA, GAM, GAT, GAP, GAR, GAD)

Pat Nowicki/8388

Alt. Ron Foster/4931

**Area 9a**

(GD, GDP, GDT, GDG)

Leroy Schmieder/8410

Alt. Glenda McGuire/4742

**Area 9b (GDC)**

Gordon Johnson/4161

Alt. Margaret Venglarcik/4755

**Area 9c (GDD)**

Lois Fast/4136

Alt. Ruth Hogan/4429

**Area 9d (GDM)**

Bette Friel/4368

Alt. Ken Koerber/4693

**Area 9e (GDL)**

Bud Lenn/4301

Alt. Steve Wallach/4301

**Area 10 (PP)**

Marilyn Krygiel/4405

Alt. Chris Hollenbeck/4806

**Area 11**

(PO, LO, LOE, LOM)

Rubie Heron/4462

Alt. Chris Hoelker/4130



March  
20

## Hypertension Screening Progress Report

The Hypertension Screening Program being conducted at the Aerospace Center by the Medical Services Division has been underway for 12 weeks and is recording a 65% participation rate of employees available for screening.

As a new medical service program of preventative health awareness, the hypertension screening involves taking the volunteer employees' weight, answering some questions, and having their blood pressure taken twice. It is done in the employee's work area, which is vital, ac-

ording to medical personnel, to record an accurate work-related blood pressure. The process takes only 5-10 minutes.

"So far, 15% of those employees screened have indicated high blood pressure that had previously been undetected," said Charlene Hardin, R.N. of the Medical Services Division. "All 15% have either gone to see their doctor, or are being maintained at the Dispensary," she said.

Employees that are on the borderline to having high blood pressure (around 140/90) are referred to the Dispensary for

counseling and monitoring. Counseling consists of advice on proper diet, salt intake, smoking and caffeine usage, exercise, sleep and stress therapy. If an employee's blood pressure reading perpetuates at 140/90 for 5 consecutive visits, they are referred to their private physician.

"Even if you have a normal result from the hypertension screening, you should get your blood pressure tested every six months," said Nurse Hardin.

Testing of employees is now being done at the South Annex, and will probably be completed by the end of April.

## DMA Graduates New Class

The Defense Mapping School (DMS), Fort Belvoir, Va., a component of the Defense Mapping Agency, recently graduated its first class of students from the Army's newly instituted Warrant Officer Terrain Analysis Course (WOTAC).

The course is intended to provide the Army with needed technical expertise in the area of terrain and weather effects interpretation and analysis. The Warrant Officers are the first Terrain Analysis Technicians.

WOTAC spans 18 weeks of intensive and rigorous instruction provided by DMA; the DoD Weather Training Center, Chanute AFB; and the Waterways Experimental Station, Vickburg, Miss. The students received training in terrain analysis, geology, flood prediction,

## February Honor Roll

### 40 YEARS

Dewey G. Dickinson, Jr.

### 35 YEARS

Russell E. Anderson, Stuart L. Elting, Donald J. Granberry, Jr., Raymond J. Hughes, William F. Lawrence, Raymond H. Samuels, Wiley West.

### 30 YEARS

Louis Abramovitz, Russell T. Byington, Edith E. Grob.

### 25 YEARS

Earl T. Bruhn, Thomas H. Goin, Rodney D. Griffin, Jack Har-moin, John A. Mallow, Revera M. McHale, William J. Murphy, L.C. Smith.

### 20 YEARS

Orville W. Kloeckener, William L. Murphy, Donald M. O'Callaghan, Ellis B. Ray, Robert F. Voss.

### 15 YEARS

Marva B. Harper, Melvin S. Hoffman, Sheila R. Kelch, Courtee R. Smith, John E. Unruh.

### 10 YEARS

Douglas W. Prosser, Thomas J. Ryan, Jr., Charles A. Turner.

### OUTSTANDING PERFORMANCE RATING

Jimmie D. Bauer.

### QUALITY SALARY INCREASE

Jo Ann Ing, Benjamin Jurge, Sandy J. Miller, Norman A. Ohnemus.

### OUTSTANDING PERFORMANCE RATING/ QUALITY SALARY INCREASE

Rollie Comer, Jr., Louise H. Corcoran, Thomas E. Deem, Meredith L. Morris.

### OUTSTANDING PERFORMANCE RATING/ SUSTAINED SUPERIOR PERFORMANCE

Dorothy L. Cathion, William W. Sugg, Jr.

### SUSTAINED SUPERIOR PERFORMANCE

Russell E. Anderson, Hester B. Cronin, Cecil F. Daniel, Robert E. Diekemper, John A. Gannon, Donald G. Giarraffa, Leonard F. Haack, Connie J. Hume, Ronald N. Land, Danny C. Nash, Allen L. Owen, Robert F. Preston, Donald R. Reeve, Thomas W. Smith, Jr., James W. Wertin, Frank Wolff, Jr.

### SPECIAL ACHIEVEMENT AWARD

Robert M. Betts, Leo M. Devonport, Larry D. Hudson, Thomas

## They're Sweethearts



The women of the Cartographic Data Branch 2 (CDCD) were treated to a catered luncheon on the day before Valentine's Day. The luncheon was compliments of the men of the Branch, (who even dressed for the occasion), to show they think the ladies of the branch are 'sweethearts.' The sweethearts are (from left to right): Mary Ann Moses-Toenjes, Judy Ignatz, Poullette Wells, Donna Petry, Linda Leise and Patricia Griffin.

Secretary Says Thanks.

Secretary of Defense Caspar W. Weinberger has extended thanks to all personnel assisting in the return of the Americans from Iran.

In a message to all Department of Defense components, he wrote: "The supporting work of all members of the department connected with the return of the Americans held hostage in Iran was excellent in every respect. The hostages' return was handled in a way that has brought great credit and much praise to the department and it certainly demonstrated again the qualifications, dedication and effectiveness with which we can carry out an important and sensitive mission.

"I want to convey to each of you my congratulations and the thanks and best wishes of the president for the way in which this key assignment was carried out."

techniques, meteorology, hydrology, weather effects, the Analytical Photogrammetric Positioning System (APPS), cartography and reproduction techniques. They were also instructed in military operations and basic officer orientation.

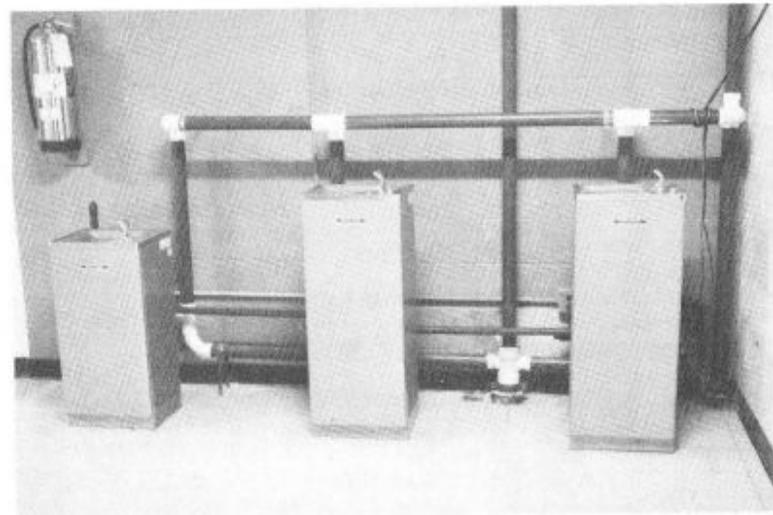
The graduates entered the course as enlisted members of the Army and were promoted to the Warrant Officer rank at the successful completion of the course.

M. Little, Martha H. Norman, Albert Prater, Jr., James H. Scates, L.C. Smith, James E. Ward, William Washington, Jr.

#### SUGGESTION AWARDS

William D. Lore, \$625.00; William R. Hantack, \$300.00; William J. Coffelt, \$160.00; Ralph F. Knost, \$130.00; Kent E. Kenniston, \$115.00; Patrick B. Boone, \$85.00; Vernon Charleston, \$75.00; Carol J. Crawford, \$65.00; James J. Dolan, \$25.00; Terry L. Graham, \$25.00; Carl C. Hudson, \$25.00; Richard E. Kohl, \$25.00; Joan S. Langevin, \$25.00; Monroe W. LaTurno, \$25.00; Roberta E. Lenczowski, \$25.00; Robert L. Meinhardt, II, \$25.00.

## Rehabilitation Completed



The recently completed restroom facilities rehabilitation program in B Section of Bldg. 36 features improvements designed to benefit the disabled employee. At left is the new style extended lavatory that allows room for wheelchair maneuvering to make the faucets and spigot more accessible. Pictured above are three new drinking fountains installed as an adjunct to the rehab program with varying size to provide for employee height consideration.

## February Promotions

The following people received promotions during the month of February: Richard M. Ballentine, WP-7; Ann F. Behrens, GS-9; Christine M. Berger, GS-11; Dorothy J. Billingsley, GS-5; Mary E. Bove, GS-6; Antoinette Bridges, GS-4; Joan A. Chambers, WP-10; Alvin W. Couch, WP-10; Hester B. Cronin, GS-9; Hazel M. Cullen, GS-9; William G. Curtis, GS-9; Joe M. Davenport, GS-5; Barbara C. Eftman, GS-12; Michael C. Faulkner, GS-12; Richard L. Fortson, GS-9; Timothy W. Fox, GS-11; Daniel C. Giddens, GS-9; William L. Gleiber, GS-12; George M. Goldberg, GS-11; Gary A. Hacker, GS-9; Melvin Harris, GS-12; John T. Hensley, GS-9; Haven P. Holliday, GS-8; Ernest R. Hollingshead, GS-9; Judith B. Ignatz, GS-9; George A. Johannigmeier, GS-11; John C. Johnson, GS-7; Gerald W. Johnston, GS-12; Patricia M. Kaiser, GS-5; John H.

Knight, WG-7; Gary L. Liebsch, GS-11; Sharon E. Losito, GS-4; Randy J. Martinez, WG-7; Warren A. Mathews, Jr., GS-12; Charles W. McAtee, WP-24; Michael L. Mecava, GS-5; John D. Merideth, GS-9; Stephen J. Meyer, GS-11; William J. Mueller, GS-9; Philip Orlando, GS-9; Barry M. Papke, GS-11; Andrew G. Podleski, GS-11; Ronald D. Porter, GS-12; Christine C. Prather, GS-5; George L. Riley, GS-9; Peter C. Robison, GS-12; James R. Rothove, GS-7; Darryl L. Rue, GS-13; Nancy L. Shackelford, GS-5; Kurt B. Skinner, GS-7; Kirtland S. Slovacek, GS-11; Esther C. Smith, GS-8; Raymond W. Staggemeier, GS-9; David H. Stegmann, GS-11; Gerald K. Stone, GS-12; Sandra L. Stragliati, GS-7; Karen S. Strahan, GS-5; Vincent J. Sweeney, III, WG-8; Joyce A. Taylor, GS-5; Stanley G. Wallace, GS-9; Mary G. Wedberg, WP-10; Robert W. Willett, WP-30.



## Men's Basketball

On Feb. 19 Mike & Min's won their second game of the season as they defeated the winless Minutemen, 42-33. Chuck Arns scored 14 points for Mike & Min's while teammates, Rex McSpadden and Ken Street added 10 points each. Brian Sikes scored 14 points for the Minutemen.

Larry Hudson sank a free throw with four seconds to go to lift M.G. Bumpers over Thurmers, 33-32. M.G. Bumpers froze the ball down to ten seconds and missed the shot but Hudson was fouled on the rebound. Ronnie Boyd paced M.G. Bumpers with 12 points while Hudson added 9 points. Dave Starkey hit for 12 points for Thurmers.

On Feb. 23 a balanced scoring attack by the Bruins defeated Mike & Mins, 40-23. Stan Allen scored 11 points for the Bruins while Ken Street hit 8 points for Mike & Min's.

Joe Wilson peppered the nets for 20 points leading Tom & Jerry's to a runaway triumph over the Minutemen, 70-32. John Liebsch scored 14 points and Rob Goodrich added 13 points for Tom & Jerry's. Dewey Strobel paced the Minutemen with 14 points.

On Feb. 25 the Rookies pulled away in the last two minutes to gain a 58-50 win over the Gorillas. John Wagner and Chris Niewold led the Rookies' balanced scoring attack with 13 and 11 points

with 9 points each as they defeated Thurmers, 51-40. Good defense in the 2nd half by the Hollywoods proved to be the difference. Dave Starkey paced Thurmers with 13 points.

On Feb. 26 Charles Reece hit a jumper as the horn sounded to give M.G. Bumpers a 58-56 victory over the Hollywoods. Ronnie Boyd had a super shooting night as he led M.G. Bumpers with 30 points. Again Kerkemeyer scored 20 points for the Hollywoods.

On Mar. 4 Thurmers bolstered by Sam Scearce's team high 15 points and a strong second-half performance defeated the Bruins, 52-42. Don Tuttle scored 13 points and Mike Lewis added 10 points for the winners. Stan Allen led the Bruin attack with 18 points.

The Rookies won their sixth game of the season with a 58-35 victory over the winless Minutemen. Jeff Connor led a balanced Rookies scoring attack with 15 points while Chuck Squires and John Wagner added 14 and 12 points respectively. Brian Sikes paced the Minutemen with 17 points.

After a close first-half, the Fast-Breaks pulled away to a 72-57 victory over the Hollywoods. Lee Fuqua scored 27 points for the Fast-Breaks while Robert Bradley added 18 points. Robert Gully hit 16 points for the Hollywoods

—Chuck Arns

## Aerospace Strider News

It was the first marathon of the spring, an initiation into another promising race season and a field day for the Aerospace Striders—the Third Olympiad Memorial Marathon (26.2 mi.) recently held in St. Louis. The Striders were strongly and capably represented by Frank Aufmuth, Gerry Carlton, Bob Howard, Dennis Moellman, Jim Smith (and son), and Joe Vujnich.

Vujnich, a local favorite, ran with the front runners through 20 miles at a pace 3 minutes under the pace of his personal best (2:31) but suffered an injury in the late stages of the race and did not finish. The injury, a hamstring pull, caused him to favor the injured leg and resulted in the start of an injury in the other leg.

The "DMAAC Pack" ran together for the first few miles, paced by Bob Howard, who sacrificed his own opportunity for a strong finish to help the less

experienced runners establish a "smart" pace. Without any serious distance training this winter, Dennis Moellman finished in 3 hours, 28 minutes. Jim Smith and his 16-year-old son, Clint, finished close together at 3:27, a feat few father-son combinations will ever accomplish.

Gerry Carlton, running in his first marathon since November 1979, finished twelfth in his age group and 195th over all with a 3:25. The time, a personal record, was 27 minutes faster than his previous best. The unanimously acclaimed best over all performance was by Frank Aufmuth who, in this his first marathon, ran a 3:19 for 162nd place in the field of 450. Aufmuth, whose first competitive running effort was in February 1979, has shown constant and remarkable improvement in every race of his career and is definitely within shooting distance of qualification for major races in the future.

It was a proud day for the Striders and several important lessons for all runners were demonstrated, as well. Among the most important of those was Vujnich's decision, while running in 4th place, to leave the race rather than risk more serious injury. The more experienced runners have come to understand that injury in the effort to win may seriously affect future performances and that the immediate win is just not worth the cost of the long term effects. The sterling efforts by Aufmuth, in his first marathon and Carlton, returning from surgery last summer, showed how rewards for one's efforts can be reaped with great pride and satisfaction.

The 9th Annual St. Louis Track Club Marathon will feature these and more Aerospace Striders on Mar. 22. Watch for Leon Fennell in the Boston Marathon, Apr. 20.

—John Doty

## Sports & Recreation Council News

**St. Pat's Dance** - Today is the last day to purchase your tickets in advance for the St. Pat's Dance that is being held tomorrow, Mar. 14, in the Center Second Street Dining Hall. Ticket price is \$5.00 per person in advance, and \$5.25 at the door. See posters for ticket-sellers.

**Basketball Hot-Shot Contest** - The Aerospace Center Sports and Recreation Council wishes to invite

There will be a separate contest for men and women. The top ten shooters in the men and women contests will be invited back on Friday, Mar. 27, 5:00 p.m. at the Souard Recreation Center for the contest finals. Registration fee is 50¢ per person.

The hot-shot contest rules are as follows:

1. Each participant enters only once and shoots for one minute

spot is worth the valued points when the shot is made. The 25-foot spot is worth 5 points, 20-foot spot is worth 4 points, 15-foot spot is worth 3 points, 10-foot spot is worth 2 points and a lay-up is worth 1 point.

3. In order to achieve the designated points, the participant must have at least 1 foot touching the designated spot. If a foot is not touching the designated spot and the shot is made, the participant receives the lay-up point. Only 2

an excellent game for the Gorillas as he scored 23 points.

The Fast-Breaks maintained their first-place lead with a 61-50 win over M.G. Bummers. Art Bennett tossed in 25 points and Robert Bradley scored 17 points for the Fast-Breaks. Ronnie Boyd scored 14 points for M.G. Bummers.

Willie Pearson and Robert Gulley led the Hollywoods attack

The DMAAC Men's Basketball League Championship Tournament is scheduled to begin on Monday, Mar. 23 at 3:45 p.m. at the Soulard Recreation Center. First round games will be played on Monday, Mar. 23 and Wed., Mar. 25. Semi-final games will be played on Thursday, Mar. 26 and the finals played on Fri., Mar. 27. The winning team will receive the DMAAC Championship trophy and an all-tournament team will be named. Tournament games are as follows:

**Monday, March 23**

- 3:45 p.m., Game #1, 1st place team vs Gorillas
- 4:45 p.m., Game #2, 4th place team vs. 5th place team

**Wednesday, March 25**

- 4:45 p.m., Game #3, 2nd place team vs Rookies
- 5:45 p.m., Game #4, 3rd place team vs Bruins

**Thursday, March 26**

- 3:45 p.m., Game #5, Winner Game #1 vs Game #2
- 4:45 p.m., Game #6, Winner Game #3 vs Winner Game #4

**Friday, March 27**

- 4:00 p.m., Game #7, Winner Game #5 vs Winner, Game #6

## Co-ed Volleyball Standings

**Standings Through Mar. 10**

Division A	Won	Lost	Division B	Won	Lost
Knetknockers	51	3	Good, Bad & Ugly	45	9
Leftovers	40	14	Mickey's Tavern	39	15
12 Paks	35	19	The Volley of the Balls	37	17
Baker's Dozen	34	20	Sugar Daddies	34	20
Out to Lunch Bunch	30	24	Chinese Sandpeople	31	23
Serving Line	30	24	Golden Spikers	26	28
High Ballers	18	36	Uneven Odds	23	31
Ziegfield's Volleys	17	37	Up For Grabs	22	32
Lynch Mob	15	39	Network	19	35
VO Volleyers	11	43	Mack Attack	19	35
Renegades	10	44	Chivas Regals	12	42

**Standings Through Mar 4**

TEAM	WON	LOST
Fast-Breaks	14	1
Tom & Jerry's	11	3
Thurmers	12	4
M.G. Bummers	10	5
Hollywoods	10	6
Bruins	7	8
Rookies	6	10
Gorillas	4	11
Mike & Min's	2	13
Minutemen	0	15

Basketball Hot-Shot Contest on Wednesday, Mar. 25, 7:00 p.m. at the Soulard Recreation Center. The contest will be in conjunction with the DMAAC Men's Basketball tournament.

Each participant must wear tennis shoes.  
2. There will be 5 designated spots on the basketball court plus a lay-up which is anywhere. Each

lay-ups are allowed in the time limit.  
4. All participants must register before March 20th. Men's basketball team members can register with their coaches. All other participants can register with Chuck Arns - CMM, x4901; Carol Greco - CDCT, x4676; Kate Doyle - CDVBB, x4425; or Noble Ladd - GDCCD, x4781. Participation is open to Aerospace Center employees and dependents over 18 years of age.

5. A drawing will be held to determine the time each participant shoots. The top ten participants in the men and women's contest will be invited back on Friday, Mar. 27 at 5:00 p.m. for the finals. Friday's score will be added to Wednesday's semi-final score to determine the winners. Trophies will be awarded to the winners.

## Charters Golf

The Charters Golf Association will open its 1981 season with a Blind Bogey Tournament on Apr. 21 at the Triple Lakes Golf Course. Tee-off time is noon and the price of admission is \$10.00 per person, which includes prizes, food and refreshments to be served at 4:30 p.m. Each individual will be responsible for their own green fee.

New members (male and female) are welcome. Membership dues are \$7.50 per year.

Planned outings for the 1981 season are as follows with the regular outings scheduled for a 1:00 - 1:30 p.m. tee-off time.

OUTING	COURSE	DATE
SPECIAL	Triple Lakes	21 Apr
1	Columbia	5 May
2	Tamarack	19 May
3	Clinton Hills	2 Jun
4	Belk Park	16 Jun
5	Paradise Valley	30 Jun
SPECIAL	Triple Lakes	14 Jul
6	Paradise Valley	28 Jul
7	Belk Park	11 Aug
8	Clinton Hills	25 Aug
9	Tamarack	8 Sep
10	Columbia	22 Sep
FINAL	Triple Lakes	6 Oct

Officers of the Charters Golf Association for 1981 are: president - W. Osterloh/4406; vice-president - W. Ahlersmeyer/8432; secretary - B. Touzinsky/4406; treasurer - D. Harper/8403; board of governors - R. Messinger/4615; G. Carlton/4627; T. Deem/4424; and H. Vanbeek/8403.

For information concerning membership contact any of the above officers or R. Kriss/8224.



St. Patrick's  
day

