

# Orienteor

Defense Mapping Agency Aerospace Center

March 16, 1990

Car Pool  
Reflections

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Photo by Jim Stepanik

Army Major Dennis Hurley lectures on the role of the unified and specified commands during a pilot test for managers of the Combat Support Role Orientation, which will be given to all DMA employees in upcoming months.

## Learning Why We're Here

*Orientation for All Employees Will Show Link Between DMA and Military Users*

**O**rientation sessions will begin next month for all DMA employees to acquaint them with the organization, role and mission of the military services and the operational commands.

According to Air Force Lt. Col. Richard Sabo, the emphasis of the Combat Support Role Orientation "will be on the operational commands, but we will

show, in brief, how DMA provides support.

"This orientation will give the work force a picture of *who* uses our products and just how vast our support to these users is."

The two- to three-hour orientation is being

Continued on page 5.

# Talking Point

## Meeting the Needs of Our Supervisors

**W**E OFTEN THINK of supervisors as those who deal with people one on one. They direct the work of others and enlist their cooperation.

Helping people cope with change is high on their list of priorities. At the same time, they help implement directives from above. They are people who build good followers and develop strength within their own organizations. Above all, they communicate well.

Today, however, in an increasingly complex work environment supervisors must build collaborative, interdependent teams, which involve people and gain their personal commitment. They help people initiate change, come up with new ideas and map out new directions. A good supervisor today develops good innovators. They build ties between units and among peers. They must be masters at interpersonal relationships.

**THERE IS A REAL CHALLENGE HERE.** That is why I have designated 1990 as the "Year of the Supervisor."

I have told you how important I believe supervisors are to the Aerospace Center. As I indicated previously, we are looking at how we select, train, and sustain supervisors. Our initial focus is on first-level supervisors, but what we learn applies to all supervisory levels.

Recently I approved forming two task groups. One will assess supervisory training needs, while the other will determine how well upper management expectations are communicated to first-level supervisors.

These groups will talk with first-level supervisors to



By Col.  
Marcus J.  
Boyle,  
Director,  
DMA  
Aerospace  
Center

better understand their concerns and recommendations regarding training needs. The task groups also will explore what first-line supervisors believe management expects of them.

The task groups are also looking at our present supervisory training program to determine how it might be improved. They will also be carefully assessing management expectations of first-level supervisors. A report with findings and recommendations is due in mid-April.

**I LOOK FORWARD** to hearing that assessment; most of all I'm interested in learning how we can help our supervisors manage their people effectively. This focus on supervisors is a long-term effort and these are but preliminary steps. They are basic, however, to addressing the concerns you identified in the work force survey and fundamental to the challenges we face at the Aerospace Center ●

## On the Move

Major General Robert F. Durkin, DMA Director, has announced the following non-competitive GM-15 reassignments:

--**Roberta J. Munske**, from a supervisory physical scientist position and chief of the External Activities Division, HQ DMA, to a supervisory cartographer position and chief of the Program Integration Division at the DMA Hydrographic/Topographic Center in Brookmont, Md.

--**Daniel W. Lockard**, from a supervisory cartographer position and chief, Program Integration Division, DMAHTC, to a cartographer position in the Program Integration Division at HQ DMA.



## Thanks for the Toys!

Staff Sergeant Pat Carey of the Marine Corps' Third (Gateway) Battalion presents Col. Marcus J. Boyle a certificate of appreciation for DMAAC support of the Toys for Tots campaign. Many employees donated toys to the Marines for distribution to needy children.

## Planners Take AutoCAD and 'Run With It'



**Mike Platter**

Among those who have distinguished themselves in putting AutoCAD to work for the base is planner-estimator Mike Platter (FEMRP). As described in the March 2 *Orienter*, AutoCAD is a

microcomputer system that draftsmen and planner-estimators in the Directorate of Facilities Engineering have used to enhance and streamline the site planning function.

"Mike taught himself on AutoCAD," said his supervisor John Froidl. "He took the manual home and studied it, came in and stayed late to perfect what he had learned, and then he shared it with the others." Unlike draftsmen, who attended a course in AutoCAD, the planner-estimators received no training. "But they took the ball and ran with it. I'm proud of them for taking the initiative to make this system pay for itself."

Says Platter: "I didn't want to see the equipment sit idle, and I knew I wouldn't have time to read the book here." According to co-worker Jim Marler, "Mike was able to read the book on his own and decipher what it meant. With him showing me, I could pick it up a whole lot faster."

Planners function on tight deadlines to meet project starting dates. "Thanks to AutoCAD, we can modify a plan in seconds; we can move a wall six inches and print out a new drawing in an instant," Marler said.

Platter was scheduled for AutoCAD training at press time, but he is already the base "3-D expert," according to programmer-analyst Mary Sullivan (CMDCA). In addition to two-dimensional plans and drawings, the system can be used to create three dimensional drawings, which can be viewed from different perspectives by changing angle gradient data. Platter

Continued on page 4.

## Women's History Month at AC

### Professor To Address Employees

**D**r. Sheila Ruth, professor of philosophy at Southern Illinois University at Edwardsville, will address employees March 28 as DMAAC observes Women's History Month.

Dr. Ruth specializes in political theory and research on gender and women's issues. Her textbook, *Issues in Feminism*, was recently published in its second edition.

Dr. Ruth earned her M.A. and Ph.D. in philosophy and psychology at the State University of New York at Buffalo in 1969. She has a bachelor's degree in political science.

According to biographical information, she has been teaching, lecturing and writing for nearly 30 years. "Her programs are results-oriented, well-organized, and sensitive to the needs of participants."

Departments, directors and staff



**Dr. Sheila Ruth**

offices have been allocated seats for the program based on population. The program will be held in the 2nd Street dining hall beginning at 9 a.m. Shuttle service will be available from 8900 S. Broadway.

Employees are also invited to view the Women's History exhibits at 2nd Street and South Annex.

## DoD Honors Women in Service for America

"Women in Service for America" is the theme for the Department of Defense Women's History Month observance. Retired Air Force Brig. Gen. Wilma Vaught, president of the Women in Service for America Foundation, will speak at the Pentagon. Her group is spearheading the construction of a women's memorial at Arlington National Cemetery.

Congress has authorized the memorial, donated the site, and given the group until November 1991 to

raise \$15 million for construction.

A computer registry will be a key element of the memorial, as well as a fund raiser. For a minimum \$25 donation, women can register their photos, names and information such as period of service and highest rank held, as well as stories of their most memorable military experiences. For information, call toll free 1-800-222-2294. A photo by Jim Stepanik of a replica of the memorial appeared in the Nov. 9, 1989 *Orienter*.



### Federal Employees Annual Food Drive

Bring your canned goods and non-perishable items and place them in collection boxes. All donated food will go to the St. Louis Food Bank for distribution to the needy.

**April 2-13**

## SPRING into ACTION



## Letter to Editor

### "Title Search" Done on DMAAC Facilities

I read with great interest the article in the Feb. 2 *Orienteer* entitled "Historic Ground" by Wells Huff with assistance from Betty Webb. I am aware of some additional information which may be of interest.

In 1827 the U.S. Government first acquired 51 acres of land at the 2nd and Arsenal location for the grand sum of \$10,600 (1827 dollars). The land was needed to establish an arsenal and supply depot to service fort and federal agencies far away from East Coast supply lines. The grounds and buildings were extremely active until after the Civil War, at which time the arsenal-related activities were transferred to the Rock Island Arsenal, leaving only a depot for storage of excess war supplies.

On April 24, 1871, under War Department General Order 41, the site officially became the St. Louis Depot. In 1903 the Quartermaster Dept. took over the grounds and buildings, used as a medical supply storage facility, during World War I.

On Feb. 1, 1952, the Air Force submitted Acquisition Project 43 to the Congress seeking to have 24.64 of the original 51 acres transferred from the Army to the Air Force. This was accomplished on March 7, 1952, and the Aeronautical Chart and Information Services Plant (as it was first called) was established.

As to the South Annex, as Betty Webb indicated in the *Orienteer* article, the War Assets Administration Sales Building was located at 8900 S. Broadway during War War II. On Oct. 24, 1951, this property was transferred to the Department of the Army, which maintained the build-

ings and grounds until July 13, 1956, when 39.13 acres were transferred to the Air Force to be used in support of the activities at the nearby Aeronautical Chart and Information Center (ACIC). The legal documents in support of this 163-year "title search" are on file in the DMAAC Office of Counsel (CO). Special credit is due to Ronald Garber and William Jicha, who archived much of this information 26 years ago while serving as Air Force JAG officers assigned to ACIC.

(s) Paul Kelbaugh

*EDITOR'S NOTE: Former Associate General Counsel for the Aerospace Center, Kelbaugh worked here from 1981-85. He is now Associate General Counsel for the Systems Center and Reston Center.*

*A unit of the Aeronautical Chart and Information Service, headquartered in Washington, D.C., the Aeronautical Chart Plant, located in St. Louis, was established during World War II and moved from 12th and Delmar to 2nd and Arsenal in the spring of 1952. As noted in the September 1952 *Orienteer*, the Chart Plant and ACIS became officially known as the Aeronautical Chart and Information Center in August 1952.*

## Hail & Farewell

Major Johnny O. Addison left Feb. 16 on a permanent change of station to Minot AFB, N.D.

Sergeant Daniel B. Wise separated from the Air Force March 2.

## Orienteer

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## ...AutoCAD

Continued from page 3.

has used the 3-D capability to display system furniture plans for Building 37 and other applications. "I think it's of great value to a requester to have a visual idea of what a project is going to look like," he said. "I know it helps us in planning."

## Calendar

| APRIL | EVENT                        | PLACE                       | RESPONSIBILITY        |
|-------|------------------------------|-----------------------------|-----------------------|
| 1     | DAYLIGHT SAVINGS TIME BEGINS |                             |                       |
| 3     | Toastmasters                 | Lindbergh Room              | R. Snider/4956        |
| 10    | FBA Meeting                  | Garavelli's Inn at the Park | T. Woodward/895-9208  |
| 11    | ACS                          | Holiday Inn SW /Viking Ctr. | P. Cronin/846-8567    |
| 12    | Toastmasters                 | South Annex                 | H. Galan/8384         |
| 12    | DMAAC Women's Club           | Old House/Kimmswick, MO     | M. Rothermel/487-1514 |
| 17    | Toastmasters                 | Lindbergh Room              | R. Snider/4956        |
| 19    | FEW Monthly Mtg.             | 2nd Street Dining Hall      | M. Miller/4783        |
| 19    | Bloodmobile                  | 2nd Street & So. Annex      | P. Benson/4047        |
| 25    | NFFE Local 1827              | 2nd Street Dining Hall      | E. Hacker/776-8424    |
| 25    | SECRETARIES DAY              |                             |                       |
| 26    | Toastmasters                 | South Annex                 | H. Galan/8384         |

Contact Debbie Wenzelburger/4142 NLT 17 April to have your May events listed.

## Security and You

### Do You Know Your Reporting Requirements?

Information that must be reported to the Security Office by employees who hold a security clearance falls into several categories:

- **Financial difficulties**, including financial counseling, accounts that were turned over for collection, unfavorable judgments, liens, repossessions and bankruptcy.

- **Arrests** for a violation (or alleged violation) of a federal, state or local law. This would not include minor traffic violations for which a fine of under \$100 is imposed, but it does include arrests or citations (tickets) for Driving While Intoxicated, Driving Under the Influence, reckless driving, driving without a license, peace disturbance, trespassing, and destruction of property, no matter what the outcome or amount of fine imposed. Arrests must be reported immediately, even if the charges are dropped or there is no conviction.

- **Alcohol abuse** requiring hospitalization, rehabilitation, outpatient care, therapy (drug, verbal, behavioral or hypnotic) or counseling. Attendance at Alcoholics Anonymous "closed" meetings is reportable.

- **Drug abuse**, including any use or involvement with dangerous, illegal

substances, controlled drugs or narcotics including marijuana. This does not include drugs prescribed for your use by a licensed physician. Any hospitalization, rehabilitation, outpatient care, therapy or counseling for drug-related problems is reportable.

● **Mental or emotional illness** requiring hospitalization, rehabilitation, outpatient care, therapy or counseling (drug, verbal, behavioral or hypnotic).

- **Change in marital status:** marriage, divorce and separation. Anyone who is not a family member with whom one is living is treated as a cohabitant and is therefore reportable.
- **Sexual misconduct**, including public sexual behavior, sexual inducement or coercion, sexual conduct with a person under age 18, prostitution and sexual harassment.
- **Foreign travel.** A travel

briefing is required prior to all travel outside the continental U.S.

- **Foreign connections**, including visits and/or correspondence with individuals who are not U.S. citizens, as well with U.S. citizens residing abroad who are not employed by the U.S. government. Foreign business ventures or foreign property you own must be reported.

- **Security violations.**

Failure to report information used in security clearance evaluations immediately after it occurs may be interpreted as falsification (by omission) and may result in the suspension or revocation of a security clearance.

When in doubt about whether changes in your personal status are reportable, do not hesitate to contact the Administrative Personnel Security Branch (SOFA) at 4944 or 4945.

## ...Orientation for all Employees

Continued from page 1.

presented jointly at DMAAC by the Directorate of Plans and Requirements (PR) and the Directorate of Civilian Personnel Career Development Division (POD).

The Defense Mapping School in Fort Belvoir, Va., was responsible for developing the orientation in response to a DMA requirement. According to employee development specialist Judy Wolf (POD), "representatives from the components reviewed, tailored and edited the orientation" for presentation throughout DMA. Pilot sessions were also presented to managers at the Aerospace Center, who were asked

to provide comments for use in tailoring the orientation to the AC work force.

The orientation is scheduled for presentation to the entire DMA work force by the end of Fiscal Year 1991. Presentations will continue for all new employees upon their arrival.

"The orientation will always give the same basic message, but it will not remain static," said Lt. Col. Sabo. "It will be updated continuously to provide information based on current events."

The format of the orientation is a combination of slides, video and lecture. The initial instructors at the Aerospace Center will be Lt. Col.

Sabo, Air Force Lt. Col. Gregory Hennings, Army Major Dennis Hurley, Air Force Captain Ernest McDonald, Air Force Captain Anthony Scafidi, Navy Lieutenant Martin Staples, and Air Force Captain Celeo Wright.

Initial presentations of the orientation will be held weekly on Tuesday morning in the 6B large conference room of Building 36 and weekly on Thursday morning in the conference rooms at 8900 S. Broadway. After all employees have attended the orientation at South Annex, both orientations will be held at 2nd Street. POD will notify supervisors when employees are scheduled to attend.

## Sharing the Ride:

### Orienteer Asks Questions, Gets Answers

**W**hy do AC employees like to share the ride to work? To find out, the *Orienteer* asked some of our ride-sharers to express their views. Here are some of their answers.

**Ed Jardon**, accounting manager in CMFQ, who has been car pooling since 1984, says "I knew someone in our neighborhood who worked here, so I contacted them." Soon the pool was up to five. One employee retired, so it's four now. "I can think of five advantages," he says. "There's always a parking space for us, you free up 2 or 3 other spaces, you don't tie up your own car every day, you can relax more, and you save two-thirds to three-fourths on auto expense."



**Russ Wall**, an aeronautical information specialist in Mapping and Charting, has been car pooling since 1985, when he moved into a subdivision in Barnhart. "I found some people I knew there, and it's really worked out well," he says. His pool has varied in size from three to five and currently is at four. "With four people it means 75 percent less wear on your own car, and with 200 miles a week to commute, that adds up."

**Johnny Sweeney**, in the Production support office of Digital Products and an AC employee for more than 22 years, has been car pooling for almost as long. "I started right after Carto School," he says, "and have found it most rewarding." He likes saving time and money, but also enjoys "the fellowship of riding to and from work" and adds, "During periods of car trouble it can help you avoid using up your Annual Leave time."



**Lillian Woodcock**, of Logistics' supply and services division, is a native of Belleville who has been pooling since July 1986, with another Logistics employee, Billy Crabtree. "Billy lives about a mile and a half from our place, so it's convenient for both of us." In addition to saving substantially on the 300-mile-a-week round trip, she likes the safety of having someone with her in case of a mechanical breakdown. "It hasn't happened yet," she says, "but it might."

**Frank Luebbert** (DPCAA) lives in St. Peters, "a 70-mile round trip, so one advantage is obvious." Coming here two years ago, he first car pooled while still in Carto School. Later, because of work that requires a split shift, he became part of two different car pools; one day-time, one for evenings. "The year before I started car pooling I bought a new vehicle. I put 24,000 miles on it the first year." Frank can think of another advantage for car pooling that doesn't seem so obvious: "It's sort of like having a chauffeur every other day."

Text by Wells Huff, photos by Jim Stepanik



## Fractals: A New Way To Describe Natural Objects

Dr. Bernie Kolo, physical scientist in the West Resources/Career Group, made an enlightened and sometimes humorous presentation on fractals to members of the the American Society of Photogrammetry and Remote Sensing.

*Fractals* are objects that have no characteristic dimensions; the size or distance of fractals is not apparent from observation. Terrain, rivers, coastlines and natural boundaries are all fractals.

Dr. Kolo described the use of fractals in modeling terrain, explaining that fractal interpolation is not curve-fitting interpolation, as used in past modeling, but a procedurally based method.

Dr. Kolo was assisted by Susan Chambless, whom he described as the person who has done the most work and is the most knowledgeable about fractals in his group.

Chambless said that fractal geometry is a revolutionary way of describing natural objects. Although fractal geometry is only 15 years old, it has led to an explosion of knowledge. Fractals have been used in medicine, physics, chemistry and geology. Dr. Kolo and Chambless presented several fractal terrain models. Visitors attended from County Mapping and McDonnell Douglas; there were also some students. --Maurice Daniell



Dr. Kolo

## ACS Luncheon

The Aerospace Charting Seniors bimonthly luncheon will be April 11 at the Holiday Inn SW/Viking Center. Social hour at 11:30; lunch--choice of 8-oz. strip steak or baked orange roughe--at 12:30. Call Grace Riechmann/832-5066, Harley Jennings/428-3356 or Pat Cronin/846-8567; or mail reservation/entree choice NLT April 4 to ACS, P.O. Box 6942, St. Louis, MO 63123. Cost is \$9 per person.

# Director's Awards

## Chief Cited for 'Taking Charge,' Cartographer for Pursuing Idea

Receiving the quarterly Director's Award for supervisors is Renee J. Kaiser, chief of the Directorate of Facilities Engineering Cost Accounting and Real Property Branch (FEER). A military spouse relocating after an assignment in Japan, she "came in, sized up the situation, and took charge," officials said. While resolving a work backlog resulting from a staff shortage, she implemented an effective training system for her staff and established excellent working relations with officials at Scott AFB and DMAAC. She also set up computer programs to provide managers with real-time information. "In the short time she has been here, she has proven to be an outstanding employee who is an asset to this Center."

**Renee  
Kaiser**



**Melton  
Van  
Vickle**



Receiving the quarterly Director's Award in the non-supervisory category is Melton E. Van Vickle, cartographer in the Scientific Data Dept. Geopositioning Division 2 (SDF). He took his own idea of replacing aging mensuration equipment with newer stereoplotters "from concept to reality," officials said. Formulating a plan that would improve production capability and quality at minimum cost, he "personally sold his concept to all levels of management" and subsequently "completed and tested all software modifications necessary for the transition." He was also cited for his contributions to office automation.

\*\*\*\*

## Retirements

**Edward M. Black Jr.**, chief of Negative Engraving Branch 3 (GANC), retired Feb. 2. Arriving at the Center in 1956, he was trained as a cartographic draftsman. His observations upon retirement: "Tomorrow's automated color separation will be a leap from today's hand engraving of various color separations. Back in the late '50s, we were told we might as well look for some other kind of work since automation was about to replace

us. Today, 30 years later, while automation appears to be just around the corner, the negative engravers are still color separating our charts. I will be looking forward to seeing the day when this major change actually takes place--if I'm still around!"

Ed plans to finish up on home projects and, time permitting, "drop into our neighborhood Central Hardware store and see if they could use a new 'orange coat expert.'"

## Kudos

### Chartmasters News

Ron Goehlich is the new president of the Chartmaster Toastmasters. Others installed: Eric Zehnbauser--administrative vice-president, Vern Grothoff--educational vice president, Carolyn Benford--treasurer, and Stu Pagenstecher--sergeant-at-arms.

Goehlich and John Rau are now "advanced Toastmasters," while Vernon Grothoff and Ruby Wicks have reached the "competent" level.

### He's A Real Student

John Gillihan, son of John Gillihan (WG) and Rosetta Gillihan (OGES), was "Student of the Week" at Francis Howell High School, south of St. Charles, Mo. Faculty praised John for his initiative in using the library for research. He has completed a project on "Black Holes."

## Employees of the Quarter

*Chosen on the basis of outstanding performance during the fourth quarter of 1989*

### SUPERVISORY

**Thomas E. Deem** (DPIB), branch chief, for improving production efficiency of digital feature analysis data.

**Sheila C. Dettmann** (SDEEC), section chief, for capable handling of her section while also serving as a CFC loaned executive.

**H. Wayne Jones**, chief of the Program/Budget Division (CMP), for keeping AC leadership fully informed in resource decision making process.

**Susan D. Mateyka** (DSCBAA),

supervisory computer assistant, for improving communication with users.

### NON-SUPERVISORY

**Richard L. Acord** (GAM), lithographic specialist, for contributions to computer system modernization.

**Donald V. Burgett** (MCPB), aeronautical information specialist, for quick support provided to military.

**David B. Daniels** (FEMFE), electrician, for working ahead of schedule and responding coolly when crane collapsed, snapping power lines.

**Susan D. Pleimann** (PRP), cartographer, for success in managing a wide range of programs.

**Joseph E. Statum** (DSPA), cartographer, for support in the transition to the Data Integration Segment.

**Mary E. Sullivan** (CMDCA), computer programmer analyst, for dedication and expertise in guiding the implementation of a computer-assisted drafting and design system.

**Donald R. Wagner** (DPPB), cartographer, for initiative and perseverance in organizing documents for the Production Management Segment.

## Sports

# Dave Talburtt 4th in Marathon

**D**ave Talburtt won fourth overall in the Third Olympiad Memorial Marathon, held in St. Louis Feb. 25. In the companion 10K Race (6.2 miles), Steve Mrotek was second in his age group, setting a personal record of 33:55. Marty Staples finished the same race in 37:53. In his second marathon, Dave improved his time by 27 minutes, running the 26 miles, 385 yards, in 2:47:54, which was first in his age group. (He missed third overall by only five seconds!) The time qualifies Dave for the Boston Marathon.

Commenting, Dave said, "I'd like to thank the people who advised and helped me before, during, and after the race--especially Steve Mrotek, Gary Lorenz, Stuart Oldham, Bob Miller, Darryl and Linda Holman and Jim Takach, who were waiting at the finish even though none of them did the marathon and could have gone home hours before. I could not have done as well without them. It was a team effort, even though only one of us actually ran the marathon."

Meanwhile, Mike McAmis ran the Smokey Mountain Marathon in 3:08:54, which qualified him for the Boston Marathon.

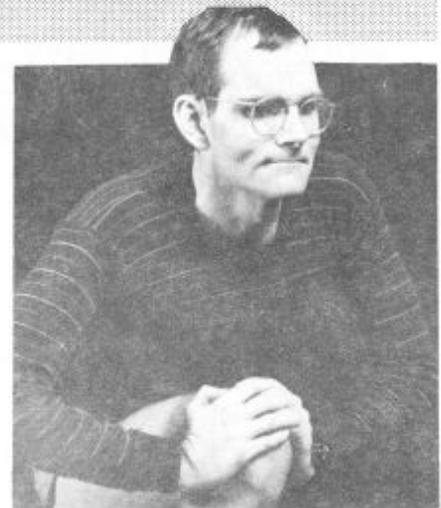


Photo by Jim Stepanik

**Dave Talburtt**

## Wallogging Report Cards

The kilometer counts being turned in on the Wallogging Report Cards are for a two-week period. We are, therefore, dividing by two and reporting the following averages per week:

| January 22 to February 4 | February 5-18            |
|--------------------------|--------------------------|
| Marybeth Tomlinson - 66k | Marybeth Tomlinson - 65k |
| Kathy Friel - 33k        | Kathy Friel - 36k        |
| Mary Hubacek - 20k       | Sandra Heins - 27k       |
| Sharon Kish - 10k        | Mary Hubacek - 17k       |
| Paige Sheehy - 5.4k      | Donna Pekarek - 13k      |
| Connie Hume - 4.6k       | Sharon Kish - 11k        |
| Lisa Bricker - 4.3k      | Paige Sheehy - 5k        |

Call POE/4848 to get your Wallogging Report Card.



## Bowlers Aim for Quality

The Arsenal Mixed League closed out February at Shrewsbury Lanes with quality scores by Ed Fank--673 series (256 game), Denny Dummeyer--604 series (235 game), Leslie Hoggatt--565 series (253 game), Sharon Doyle--553 series, Bob Preston--258 game, and Tim Mroz--235 game.

Difficult splits were picked by Diana Harwell (5-8-10), Karen Vincent (4-6), Monica Zollner (6-7), Shirley Amsler (6-7-10) and Lee Readus (4-9). --Dot Kelley

Charter Golf Association will begin the 1990 season April 10 at Tamarac. Details in March 30 *Orienter* or call Mike Kelley at (314) 524-2340.

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