

## Surveyors Week Is Time Of ASP-ACSM Convention

March 13-19 has been proclaimed as "National Surveyors Week" to honor the more than 40,000 professional surveyors across the nation.

The week is a time to focus public awareness on the important role professional surveyors have traditionally played in natural resource management and protection of private property, said a spokesman for the American Congress on Surveying and Mapping, of which the National Society of Professional Surveyors is a member organization.

The joint Annual convention of the ACSM and ASP is being held in Washington, D.C. during Surveyors Week. Interior Secretary James Watt is



scheduled to be the convention keynote speaker.

The ASP/ACSM membership is composed of professionals in the fields of surveying, mapping and photogrammetry who are involved in private practice, academic instruction and government service.

## National Ocean Survey Renamed; Sells Charts Produced by AC

The National Ocean Survey has undergone a name change. The organization, which handles sales of aeronautical charts produced by the Aerospace Center, is now known as the National Ocean SERVICE. The name change

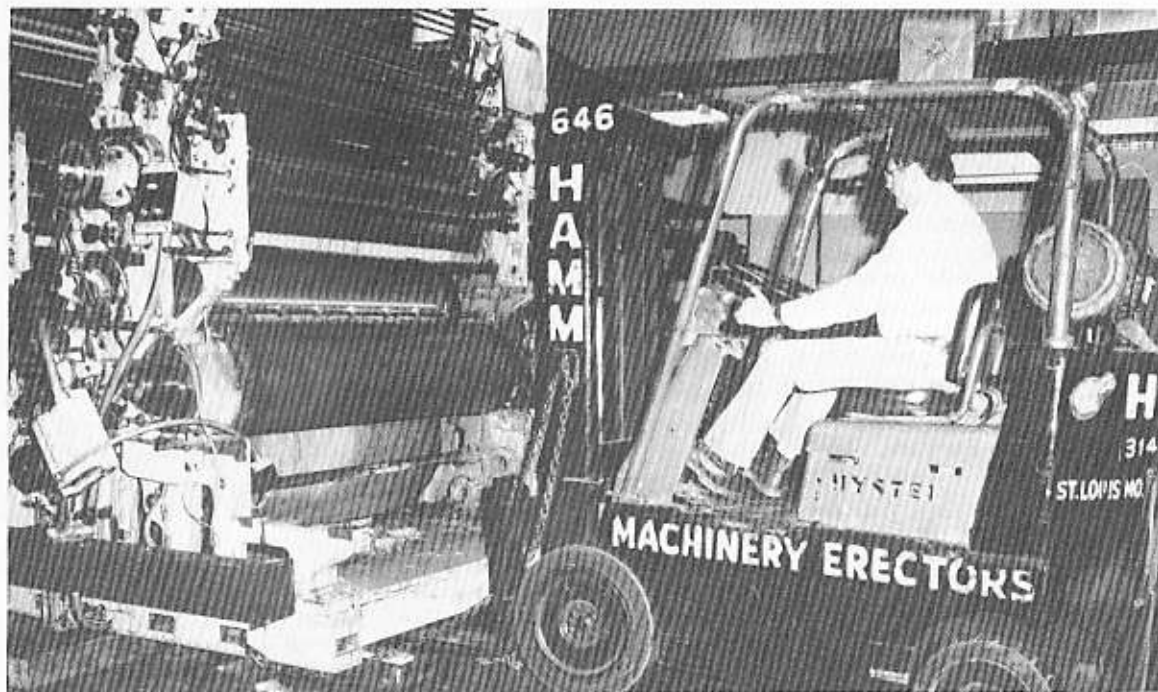
agency of the National Oceanic and Atmospheric Administration, U.S. Department of Commerce. Charts of foreign areas published by the Aerospace Center are sold to civil users by the NOS through a network of sales agents located at and

# Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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## Moving Up and Out

An employee of the Daniel Hamm Corporation lifts a section of a Graphic Arts five-color press in preparation for moving the press to the South Annex. The unit is scheduled to be operational at its new location in April. The rest of the GA press operation will be moved starting in late May including a second five-color press. The new press room will be fully operational in August. The entire Graphic Arts Department relocation is scheduled to be completed in October (Photo by Ed Mullen)

## Stoessel Completes 25 Years

reorganization.  
The National Ocean Service is an

through its Distribution Division in  
Riverdale, Md.

# As Chief of Graphic Arts

## Cited for Community Work

### **Manson Named Top Policeman**

Albert L. Manson is the Security Policeman of the Year for 1982. He had been selected as Security Policeman of the Month for January and August. An Aerospace Center employee since January 1980, he has more than 12 years federal service with the Army and the U.S. Postal Service.

Manson is involved in all facets of guard force activity. His abilities have let the Security Office place him in various shift supervisory positions on an ad hoc basis. As co-chairman of the Combined Federal Campaign project for the Security Office, he was responsible for generating greater personnel participation and a greater dollar donation than in past years. He designed the guard force logo that is displayed in the desk sergeant's work area and worked on the activities surrounding the retirement of the guard force chief and assistant chief.

Manson is a concerned and active member of the greater St. Louis community. He has been pastor of Solomon Temple Missionary Baptist Church on St. Louis Avenue the past five years and is responsible for ministering to the spiritual needs of its 200-member congregation. He manages a baseball team sponsored by the Matthew Dickey Boys Club. He is co-founder and



assistant executive director of the Concerned Christians for a Better Community. The purpose of this charitable organization is to provide relief and assistance to the destitute. The organization's credo, "We are our brother's keeper," sums up Manson's character and work.

Manson holds a degree from St. Louis Christian College and has taken additional courses at East St. Louis Community College and Forest Park Community College. A St. Louis native, he and his wife Ernestine have sons Steve, Teraz, Barry and Albert Jr., all living at home.

by Paul Hurlburt

The printing presses of the Graphic Arts Department are not the only ones who have made an imprint at the Aerospace Center; the chief of the department, Otto C. Stoessel Jr., who celebrated his 25th year in the position Wednesday, has made an imprint of his own. His mark may be less tangible, but it is certainly as real and as significant.

A technical innovator, communicator, and man of exactitude, Stoessel has gained stature for himself and the Center that is suggested by his appointment as chairman of a Congressional subcommittee on government paper specifications. The first chairman who is not from Washington or the Government Printing Office, he has held the position on the subcommittee of the Joint Printing Committee the past 10 years.

Stoessel's association with the Aerospace Center goes back to January 1949 when he was hired as a photolithographer at the former Aeronautical Chart Plant on 12th and Delmar, about four years after his graduation from Southwest High School. During his early years at the Chart Plant, he gained a reputation as a technical innovator with a "peel coat" process of stripping vinyl sheets for color separation that was adopted by the international map and chart industry; in 1954 he was appointed chief of Techniques and Engineering in the Printing Division of the Aeronautical Chart and Information Center, which by then had



been relocated to Second and Arsenal.

Since his appointment March 9, 1958 as chief of the Printing Division (now the Graphic Arts Department), Stoessel has presided over numerous changes. Some have been dramatic; many were initiated by him, and their effects have reached far beyond the walls of the old Arsenal.

As one might expect, quality control is critical to the printing function, and with maps the need for a quality control system is even greater. For example, sections of a chart may be printed months or years apart; yet the colors and other features must appear the same to the user. One of Stoessel's first undertakings as department chief was to determine precisely quality control standards for one of the chief variables—ink—by isolating nine critical properties and developing a system for

measuring them to determine mathematical tolerances. Testing of the ink before a press run avoids costly product defects; it is also performed to develop specifications for commercial ink suppliers and for printing jobs done under contract.

Measurement of ink characteristics and other components of the quality control system developed by Stoessel received serious attention in the printing industry, helping to raise standards inside and outside of government. Stoessel was invited to lecture on the subject before the Research and Engineering Council of the Graphic Arts Industry in 1960, and he wrote a series of articles about the ACIC system for the National Lithographer and Modern Lithography magazines.

Another important factor in printing quality is registration, proper alignment of colors and printed matter from successive printings on the same sheet. Stoessel's contribution in this area has been to improve on the traditional method of testing for registration, which is to position cross marks for each color or feature at the same locations along the border of the printed product. His system incorporates a miniature scale that provides an instant readout of the extent of registration quality, in addition to simple verification. The system was explained by Stoessel at a technical conference of the American Society for Quality Control in 1974.

Continued on page 2.

## Organizations at AC

# New Toastmasters Club at S. Annex

The Chartmasters Toastmasters Club 5001 at 8900 S. Broadway was officially installed by Toastmasters International in a ceremony Jan. 18. Presenting the charter was Harry Pleis, the Toastmasters District 8 governor. A roster listed 22 persons as charter members of the new club.

George Peo and Hiram Lloyd, members of the Aerospace Center Toastmasters at Second and Arsenal, along with Lt. Col. Phillip Wilder of DMA in Washington, initiated the action that resulted in the successful chartering of the South Annex club. Peo was recognized as club sponsor and Lloyd as club mentor for their role in the club's organization.

The officers and members of the Chartmasters invite employees at South Annex to join their local club. Opportunities to grow personally and to serve in positions of leadership are available to anyone who wishes to participate. Contact John Rau/8224 or Ron Goehlich/8223 for more information. The club is vigorously attempting to fill each one and a half-hour meeting with as much speech and evaluation time as possible.

With the formation of Chartmasters Club 5001, more than 5,000 clubs have been formed by



Toastmasters District 8 Governor Harry Pleis (left) presents a charter for the Chartmasters Toastmasters Club to John Rau, club president. Other officers, from left, are Matt Phillips—secretary, Ron Goehlich—administrative vice president, Betty Sturm—treasurer and Craig Brandenburg—sergeant-at-arms. (Photo by Bruce Williams)

Toastmasters International since its founding in 1924 by Dr. Ralph C. Smedley in Santa Ana, Calif. The intent of Dr. Smedley in forming the first club was to help individuals improve their self-image and develop sound communication skills, primarily in the speaking field.

The ideals projected by Dr. Smedley took hold, and a steady growth of chartered clubs and active members has been the result. The designation of Toastmasters International was added

when a club was formed in Victoria, B.C. in 1930. In 1958 Toastmasters International expanded its activities to include training and speech skills in correctional institutions, hospitals, mental institutions and schools. 1966 saw junior and senior high school students included through the Youth Leadership Program. Working women were invited to participate as Toastmasters in 1973.

The officers of the Chartmasters Toastmasters are pictured above.

## Federal Agencies Enforce Working Women's Rights

If you're a woman, your legal rights regarding jobs and job hunting have changed greatly in recent years. And, no matter where you are in the work cycle — looking for a job, glad you've got one, or enjoying retirement — it's important to know what your rights are.

Here are a few examples from the U.S. Department of Labor:

- When you're looking for a job, federal laws protect you by prohibiting discrimination in recruitment, testing, referrals and hiring. For example, it's illegal for an employer to refuse to hire a woman because she has young children or to refuse because of the preferences of co-workers or customers.

- After you've got a job, several laws protect you from discrimination regarding wages, hours, and occupational safety and health. The Equal Pay Act prohibits unequal pay for women and men who work in the same place and whose jobs require equal skill, effort and responsibility. Pay differences based on seniority or merit, how-

ever, are permitted.

- Federal laws also protect your retirement benefits. Divorced spouses of eligible workers are now entitled to benefits if the marriage lasted at least 10 years. The amount of the monthly benefit is determined at the time you apply at the local social security office.

With more than a dozen federal agencies, as well as state offices enforcing employment laws and practices, it's easy to be confused. For a listing of which agency to contact if you feel your rights have been violated as well as more specifics on how these laws protect you, send for "A Working Woman's Guide To Her Job Rights." It's \$2.75. Write to:

**Consumer Focus  
Pueblo, CO 81009**

If you work for the U.S. government and want assistance or more information about working women's rights, ask the Equal Employment Officer (EEO) at your installation for the phone number or location of the nearest Federal Woman's Program Manager.

Plan for Loss  
Of Loved Ones

Stoessel Completes 25 Years as CA Chief



The grief caused by a death in the family may thwart sound action when the crisis arises. Employees are encouraged to be prepared for such a crisis by having an idea of what will be required at the time of death of a loved one. A checklist of things to be done at the time of death of a loved one is available from your Employee Assistance Office/4848.

Continued from page 1.

In addition to refining techniques for determining product quality, Stoessel has continued his role as technical innovator in the position of department chief. An account of his contributions is beyond the scope of this article, but two of them are described because of their impact on the printing func-

tion at the Aerospace Center and elsewhere.

The necessity for visual distinction of map features by color association has required separate printings of up to 13 colors for a single product. The costs, in terms of personnel, production time, and use of equipment have been correspondingly great. Recognizing the problem soon after taking charge of the department, Stoessel devoted considerable attention to experimentation with combining colors during a press run, including multiple registration of fine detail, to produce additional colors accurate enough to meet the specification.

The Simulated Process Color Printing technique that evolved from these experiments has the capability to reproduce the gamut of colors with acceptable accuracy using four standard colors. In addition to other factors, such as improved equipment, the Simulated Process Color Printing technique has played a major role in the reduction of shift work in the press room from three shifts in the early 50's with over 100 people to one-and-a-half shifts today with 29 people. The technique was approved for use throughout the Defense Mapping Agency in 1974 and is currently being adopted by the international map and chart community.

Tones of a given color are normally achieved with screen tints that make a color appear lighter or darker by altering its density. Stoessel conducted experiments to

establish a series of values that would reproduce a color in 12 tonal variations appearing equally spaced from each other to the average observer. Direct observations by individuals of hundreds of tones were reduced to numerical values and then analyzed by a computer to arrive at the standard screen tints. Incidentally, the tone that appears to the average observer as midway between white and black (0 to 100% density) is not 50 percent, the experiments revealed, but 36 percent. Also, the visually equidistant steps vary in percentage difference, increasing from the light end of the scale to the dark end. Development of the standard tints was critical to the success of the Simulated Process Color Printing technique.

Stoessel's Standard Printing Screen System, which includes tolerance values in addition to the 12 standard tints, was adopted by the Department of Defense as a basis for interagency communication and standardization in the lithographic printing of charts and maps.

It has already been noted that the press room force has been reduced from its 1950's level, and the Graphic Arts Department has significantly fewer personnel today than it had when Stoessel took charge. Another personnel change has resulted from Stoessel's support of the upward mobility concept, which predates the government's formalization of the program in the 1970's. Today, approximately a third of the department's lithographic em-

ployees owe their jobs to Upward Mobility and similar programs. Recognition of Stoessel's efforts in this area came in 1980 when he received the DMA Award for Achievement in Equal Employment Opportunity.

A major change for the Graphic Arts Department is due this year with relocation of the presses and the entire department to Building 2 at 8900 S. Broadway. The first of two five-color presses was disassembled and moved via flat-bed truck last week. (See picture on page 1.)

"I was in on the first move, in 1950, from 12th and Delmar to Second and Arsenal," Stoessel recalled in a recent interview. "I hope this will be my last, but I'm looking forward to it; it'll be awhile yet before I retire from this job because I enjoy it too much. Besides, after 25 years I'm getting the hang of it now."



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**Col. J. W. Small**  
Director

**David L. Black**  
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**Paul Hurlburt**  
Editor

## ***Films, Food Part Of Black History Week at KCO***

The Kansas City Office observed Black History in America Feb. 14-18 with continuous displays in the main hallway, movies during the lunch period on Tuesday and Thursday, and an excellent soul food luncheon on Friday. The luncheon menu consisted of black-eyed peas with ham, cole slaw, cornbread, rice and sweet potato pie. The week's events were shared and enjoyed by all Kansas City Office employees.

## ***Film 'To Fly' To Be Shown***

"To Fly," a film history of the conquest of the air, will be shown by the Employee Assistance Office staff March 24 in the Dining Hall Annex at 8900 S. Broadway and March 25 in the 1B Training Room at Second and Arsenal. The film is sponsored by the Smithsonian Institute. Showings will be at 11, 11:30 and 12.

## ***What Matters Most***

The sun contains 99 percent of the matter in the solar system, according to the National Geographic Society.

## ***At Karleskint Exhibit***

# **ACS To Present Portrait of Kingsley**

A portrait of Robert H. Kingsley by the retired chief of Graphic



## **Meeting the People**

DMA Director MG Richard M. Wells, USA, continued his program of meeting with DMA people as he visited the Aerospace Center during the last full week of February. The general received briefings and held informal discussions with top managers, union officials and line personnel. Here he talks in a candid "one-on-one" session with Paul Peeler, Center Deputy Director of Programs, Production and Operations.

major force in determining the direction of aeronautical and

Karleskint will exhibit his watercolor paintings and hold a

## **Kudos**

### ***Vierling Detailed to Headquarters***

Richard A. Vierling, Center Director of Civilian Personnel, has been detailed to the headquarters to serve as the chief of the Civilian Personnel Division, Hq DMA. Vierling will remain at the headquarters until the DMA acting director of Personnel, A. A. Meoli, completes his current assignment.

A native of St. Louis, Vierling began his employment with the former Aeronautical Chart and Information Center in 1961. He was chief of the Classification and Wage Administration and chief of the Personnel Management Advisory Division before his promotion to director of Civilian Personnel in July 1978.

### ***Cooper Elected Chapter President***

Sidney D. Cooper, Aerospace Center Employee Assistance Officer, has been elected to serve as president of the Association of Labor Management Administrators and Consultants on Alcoholism, St. Louis Chapter. Sid was most recently secretary of the association and a member of the program committee. He came to the Aerospace Center in 1980 from a position as mental health services planner with the Bi-State Metropolitan Planning Commission in Rock Island, Ill.

### ***Tharp Becomes 'Competent Toastmaster'***

Cartographer Ralph E. Tharp Jr. has successfully completed the first section of the Toastmasters International Communications and Leadership Program. Reaching the milestone entitles him to the Competent Toastmaster distinction in the organization.

An Aerospace Center employee since January 1979, Tharp joined the Aerospace Center Toastmasters in 1980.

## **EMPLOYEE RETIREMENTS**

**WOODARD C. BAKER (ADD)**, an aeronautical information specialist, retired Feb. 28 with more than 39 years of federal service, including 18 years and one month at the Aerospace Center.

**RICHARD S. BIELICKI (CDA-BD)**, a negative engraver, retired

Brown came to the Aerospace Center in April 1956 as a clerk. He worked in various libraries and in the Special Activities Office before qualifying as a cartographer. "My retirement plans are incomplete," he said, "but I intend doing volunteer work in my community."

Design, Robert M. Karleskint, will be presented to the Aerospace Center by the Aerospace Charting Seniors March 26. The memorial presentation is scheduled for 9 p.m. at St. Peter's School auditorium, 215 N. Clay Ave., in Kirkwood. The portrait will be presented to Aerospace Center Director Col. J. W. Small, USAF, by Phillip Rahal, president of the ACS.

A founder of the Aeronautical Chart Service at the beginning of World War II, Kingsley was a

long charting in the Department of Defense. He was technical advisor at the Aeronautical Chart and Information Center in St. Louis before assuming a position with the Defense Intelligence Agency in which he was responsible for the overall management of MC&G in the Department of Defense. He died Dec. 22, 1980 in Rockville, Md.

The portrait will be placed in the display hall on the first floor of Building 36 for permanent retention.

Preceding the presentation,

## Spouse's Government Pension Offset Exemption Extended

The Social Security Administration has announced that the exemption from the government pension offset has been modified and extended to those becoming eligible for a governmental pension before July 1983.

Under the old law, a pension based on work for a federal, state, or local government not covered by Social Security would cause a reduction in Social Security spouse's or surviving spouse's benefits unless the person was eligible for his or her government pension before December 1982. In addition, men had to be dependent upon their wives for half or more of their support to qualify for the exemption.

The new law extends the deadline for the pension-offset exemption to July 1983. This means that people who become eligible for a government pension in the period

December 1982 through June 1983 may receive an exemption from the pension offset, but only if they were dependent upon their spouse for half or more of their support. This half-support requirement now applies to both men and women.

Under the government pension offset, a person's Social Security benefit as a spouse or surviving spouse is reduced dollar for dollar by the amount of any pension he or she receives as a spouse or surviving spouse based on work for a state, federal, or local government not covered by Social Security.

Any Social Security benefit a person receives based on his or her own work is not affected by the government pension offset.

More information about the government pension offset can be obtained at any Social Security office. The telephone number is 679-7800.

reception, beginning at 7 p.m. A painting demonstration by Karleskint will also follow the presentation at 9:30. There will be a complimentary bar. Private parking is available to the north and south of the school auditorium.

## Thanks from Ken Reed

*Ken Reed wishes to thank his many friends who attended his retirement party Feb. 11. "I appreciate the gifts I received and wish all a fond farewell," he said.*



## A Good Sign for GD

The Geopositional Department has a new sign, thanks to Ted McNeal, a cartographer in the department's Photogrammetric Control Division Production Management Office. McNeal, who is pictured next to the sign, designed, constructed and installed the three-dimensional plaque on his own time and with his own funds. He took the initiative because he felt the ragged sign that existed needed to be replaced. "Our department office is the center point for 900 some people," he explained. "I felt I could make a sign that would be more representative of our department. Much to my surprise, it's had a heck of an impact on everybody."

1980. He has 33 years of federal service, including 31 years and seven months at the Aerospace Center.

**CLEMMIE BROWN (CDIDB)**, a cartographer, retired Jan. 31 with more than 38 years of federal service. He began his federal career with the Postal Service as a letter carrier during the Christmas season and later as a temporary clerk. From 1953 to 1955 he served in the Army as a radio operator and company clerk.

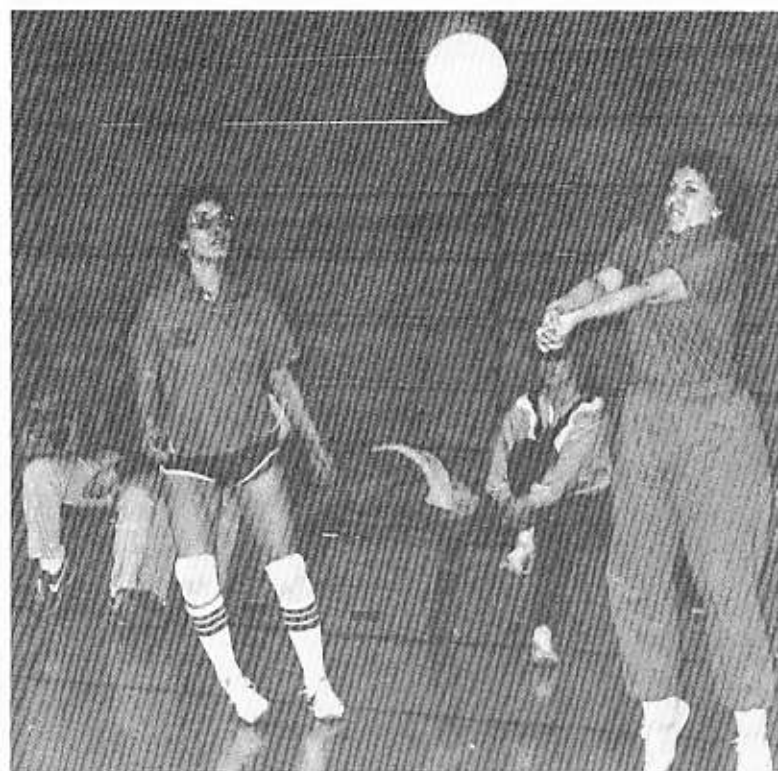
**WALTER F. CLASEN JR. (GAM)**, a supervisory lithographic specialist, retired March 1 with more than 34 years of federal service. He began his federal career in December 1948 as a platemaker in the former Aeronautical Chart Plant at 12th and Delmar. He served in the Army two years during the Korean War with the Psychological Warfare Center, Ft. Bragg, N.C., helping to activate the Center's printing plant.

After returning to the Aeronautical Chart and Information Center, Clasen was promoted to shift foreman in the Plate Division. He was promoted to chief of the Plate Division in 1963 and chief of Production Control in 1972. He was a lithographic specialist in the Graphic Arts Department Techniques Office before returning to Production Management last November.

**CLINTON R. HONAKER (ADC)**, an aeronautical information specialist, retired Feb. 28 with nearly 39 years of federal service. He began his federal career as an Air Corps cadet in August 1943 and completed the military portion of his career 20 years later as a navigator. An Aerospace Center employee since 1964, he worked as a computer systems analyst in AD.

**JAMES A. KELLY (CDIDC)**, a photogrammetric cartographer, retired Feb. 26 with more than 32 years of federal service, including 31 years and three months at the Aerospace Center.





## Tournament Action

Wanda Weber of the Networks returns a volley as the Co-ed Volleyball Tournament gets underway. Teammate Penny Miller watches. The Networks are competing in the Power League division of the tournament (Photo by Chuck Arns)

## Thurmers Are League Champions

Thurmers are the 1983 DMAAC Men's Basketball League Champions with wins over the Gorillas, 73-30, and the Bruise Brothers by forfeit. Thurmers' Mike Lewis led the scoring in the Gorillas' game with 20 points. Thurmers next step is the DMAAC Men's Basketball Tournament as they are one of the co-favorites to win the DMAAC basketball championship.

With only a one-point loss to Thurmers on their record, the Fastbreaks finished in second

place with a 60-50 win over the third-place Bruins. Fastbreaks' Art Bennett led the scoring with 18 points. The Bruins defeated the One-on-Ones, 61-37, behind Willie Ratchford's 11 points and the Hollywoods, 67-30, with Cecil Mabry scoring 14 points to claim third place.

In other action, the Rookies beat the One-on-Ones, 43-41, with Chris Niewold scoring 20 points. The Finest won three games with victories over the Bruise Brothers, One-on-Ones, 55-30, and the Wabos,

61-25. Ray Farley paced the Finest against the One-on-Ones with 18 points while Mike Kuhnline led the Finest in the Wabos' game with 16 points. Zachary Franklin tallied 14 points as the One-on-Ones defeated the Court Jesters, 57-51. The Court Jesters beat the Finest, 54-50, behind the scoring of Dave Paulton and Ron Olson. Ron Sanders paced the Hollywoods' attack with 13 points in their 37-36 win over the Wabos.

—Chuck Arns

## Final Standings

### MEN'S BASKETBALL

Team	Won	Lost
Thurmers	12	0
Fastbreaks	11	1
Bruins	10	2
Rookies	8	4
Finest	7	5
One-on-Ones	7	5
Court Jesters	6	6
Hollywoods	5	7
Nads	5	7
Globe Plotters	4	8
Wabos	2	10
Gorillas	1	11
Bruise Brothers	0	12

## Bradley Is Top Scorer



Fastbreaks' Robert Bradley is the 1983 DMAAC Basketball Scoring Champion. Bradley averaged 20.9 points per game. In a close race, the Nads Brian Peterson finished second with an average of 20.8 points per game. The top ten scorers are as follows:

Name/Team	Games	Points	Avg.
1. R. Bradley (Fastbreaks)	12	251	20.9
2. B. Peterson (Nads)	12	249	20.8
3. R. Bryan (Fastbreaks)	12	192	16.0
4. C. Niewold (Rookies)	12	178	14.8
5. M. Kuhnline (Finest)	11	160	14.6
6. A. Bennett (Fastbreaks)	12	160	13.3
7. Z. Franklin (One-on-Ones)	12	159	13.3
8. J. Petraitis	11	146	13.3

## Ancient Disease Caused by Lack of Vitamin C

The most important function of Vitamin C (ascorbic acid) is the control it exercises on the ability of cells to produce intercellular material. In other words, Vitamin C is like a binding which holds the

within two to four months. The signs of scurvy include structural changes in the gums and teeth, small cutaneous hemorrhages which occur over the body as a result of the weakening of the walls

raw and canned citrus fruits, tomatoes in any form, fresh berries, turnip greens, green pepper, broccoli, and raw green leafy vegetables such as cabbage and spinach.

...and in proper relation to each other and to the fluid which bathes and nourishes them. The healthy development and maintenance of the capillary blood vessels, the teeth, the bones, the connective tissues, the bone marrow and the tissues which surround the joints are all dependent on this function.

Vitamin C heals wounds and increases resistance to infection. When used as a food additive, it acts as a preservative.

Lack of Vitamin C causes scurvy, one of the oldest diseases known to man. Symptoms occur

in the capillary blood vessels, deformities in the growing ends of bones, weakness of the cartilage and displacement of the bones supported by it, anemia, damage to the heart muscle, degeneration of muscle structure generally, and retardation and stunting of growth. The teeth are said to be among the first organs to show the effect of a shortage; early signs of deficiency include bleeding gums.

Vitamin C has been called the vitamin of fresh foods since it is found in highest concentration just as the food is fresh from the plant or animal. Abundant sources are

The simplest way to insure adequate intake is to include one serving of orange or grapefruit daily or a double portion of tomato. When citrus fruits are unavailable, remember that the maximum amount of Vitamin C is found in raw, fresh foods. You can get all the Vitamin C your body needs by eating a daily 3-4 oz. serving of any of the foods named. The U.S. RDA for adults, including pregnant or lactating women, and children aged 4 or older is 60 mg.

—Phyllis Benson, R.N.  
Medical Services

Robert Bradley, top scorer in DMAAC Men's Basketball for 1982-1983. (Photo by Chuck Arns)

9. S. Allen (Bruins)	12	134	11.2
10. D. Paulton (Court Jesters)	12	132	11.0

## Blue Team All-Star Champs

Led by Robert Bradley's 12 points, the Blue team defeated the Red team in the annual DMAAC Men's Basketball all-star game, 51-39. Chris Niewold led the Red team with 13 points. Bradley and Niewold were named the most

valuable players for each of their respective teams. Eddie Grider was the winning coach for the Blue team.

Other scoring by the Blue team was Brian Peterson, 8 points, Randy Reinker, 7 points, Mike Kuhnline, 6 points, Rob Bryan, 6 points, Stan Allen, 4 points, Tim Fox, 4 points, Jim Petraitis, 2 points, and Ken Street, 2 points.

The Red team scoring was Garry Brown, 8 points, Gary Elter, 4 points, Don Tuttle, 4 points, Al Coleman, 3 points, Bert Bryant, 3 points, Eric Devening, 2 points, and Mike Coulson, 2 points.

—Larry White

## New Cartographers and Geodesists Graduate



Graduates of Orientation Program, Class 83-C, from left, are Bill Johnson—Central Washington State University, Russ Hamblin—Oregon State University, Scott Buschbaker—Illinois State University, Mike McCoy—Southwest Missouri State University, Lisa Rogan—University of Washington, Steven Shumway—Southeast Missouri State University, Mike Finn—Southwest Missouri State University, Todd Finger—University of Wisconsin, Sandra Nelson—Talladega College (Alabama), Joseph Novak—Kutztown State College (Pennsylvania), Luanne Habenicht—University of Wisconsin, Mark Wolf—Southern Illinois University at Edwardsville, Mary Movic—College of William and Mary (Virginia), Joe Vukovich—Michigan State University, David Talburtt—University of Michigan, Joe Rumann—Northern Arizona University, Gerald Masucci—State University of New York and Bill Florich—Southeast Missouri State University.

Class  
83-C

