

Orienteor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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Arrival of 1100/62 Begins a New Era

by Paul Hurlburt

On a dark and stormy Monday morning two weeks ago a couple of moving vans pulled up to Building 12 to unload some long-awaited computer hardware. It was the Sperry 1100/62 and its peripherals, which will serve as the Aerospace Center's base operations computer system for years to come.

An 1100/61 had been scheduled for delivery on Jan. 2, but that shipment was canceled after it was determined that the Center's computer processing needs were greater than originally planned.

The 1100/62 contains two central processing units, not one as with the 1100/61. Also included are 75 personal computers with printers that will be spread among users throughout the Center.

The PC's are also a departure from the original plan, substituting for terminals that were designed to interact with the mainframe but lacked a stand-alone processing capability.

"With the PC's, we will get more use of the equipment, as they will be available when not being used as a terminal," explained Doug Wolfsberger, project officer for the base operations computer conversion. A cost savings of \$185,000



A unit of the new Sperry 1100/62 computer system arrives at its home in the rehabbed west end of Building 12. Helping the movers is Steve Miller (center), Sperry Corp. facility engineer, who will be responsible for maintaining the equipment after it is set up. (Photo by Ed Mullen)

more than 16 million instructions per second, compared to 2 million on the B-4700. The main memory capacity of the 1100/62 is 3.5 megabytes, compared to 0.5 MB for the B-4700. (Bytes contain the binary digits, 0 or 1, used to represent characters or numbers.)

Acquisition of the Sperry 1100/62

of code, were converted by personnel of the Management ADP Division over the past 18 months. Testing and debugging was done on a computer at Scott AFB, Ill.

As the primary ADP resource for base-level operations, the new 1100/62 will support a wide range of

For Mark 85

Reorganization To Align AC Production Elements

A reorganization of Center production elements, designed to provide better implementation of the Mark 85 programs, has been approved.

The reorganization will affect some division-level elements within the current production departments and cause a renaming of major production elements. It is anticipated that the reorganization will take place sometime during the early part of Fiscal Year 86.

There were four important factors that were considered by the study group, according to chairman William Wall, assistant deputy director for Plans and Requirements. They were:

- Photogrammetric capability at the Center is now split among departments;
- There is a desire by the headquarters that both production Centers have similarity of organization for more efficient overall agency production;
- The organizations of the future will evolve from the approved Mark 85 organization; and
- An early implementation will aid the success of the Mark 90 program.

In basic, the reorganization will create six departments for Center production. They will be named: Scientific Data Department, Data Services Department (new), Mapping & Charting Department, Digital Products Department, Graphic Arts Department, and Aeronautical Information Department.

The current Graphic Arts Department and the Aeronautical Information Department will move intact to the new organization structure.

Elements under the other departments will be:

Department	Composition (Based on current designation)
Scientific Data Department	GDC, GDD, SDR, SDDA, SDDL
Data Services Department	GDG, SDC, SDDS
Mapping & Charting Department	CDA, CDC, CDK
Digital Products Department	GDL, GDM, CDI, CDV

The reorganization studies of the Aerospace Center and the Hydrographic/ Topographic Center were briefed by the respective technical directors of each Center to the Policy Review Council (PRC), which approved the concept. Steps are now being taken to develop the action plans that will be used to implement the reorganization.

In addition to the mainframes, the west end of Building 12 will house peripherals and a tape library. The peripherals include eight tape drives, which will be used to transfer information stored on magnetic tape at densities of 1600 or 6250 characters per inch, depending on the desired format. (A single keypunch card, by contrast, stores 80 characters.)

Personnel of the Management ADP Division (CMD) hoped to have the new system up and operational by Monday. A period of about 60 days will then be necessary to install and test each software system.

The 1100/62 takes the place of Burroughs B-4700, the base support system at the Center for more than 15 years. A couple of comparisons between the B-4700 and the 1100/62 illustrate the improvements realized in the new system. With its two CPU's, the 1100/62 can process

Blacks in Government Symposium Tomorrow

Dr. M. Carl Holman, president of the National Urban Coalition, will give the keynote address at tomorrow's symposium of the National Association of Blacks in Government. The Saturday morning event, entitled "Crisis in the Black Community: Old Problems/New Directions and Solutions," will be held in the Mildred E. Bastian Center on the campus of St. Louis Community College at Forest Park, beginning at 8:30 a.m. Sessions, led by community experts, will be held on criminal justice, education, employment, health care and housing.

Force contract, known as Phase IV, to replace base operations computer systems at 115 installations worldwide. As a user of Air Force software, DMA was included in the contract. The Aerospace Center has four other Sperry 1100's, used independently in production areas. A local area network to link the systems is an eventual possibility, according to Wolfsberger.

Air Force standard software systems used by the Center have been converted to the new equipment by the Sperry Corp. Software systems unique to the Center, representing 400,000 lines

of software, will be phased out and replaced by the system will grow in the years ahead.

Software systems at present include accounting and finance (payroll, accounts control, travel and commercial service), manpower, production management, distribution of Flight Information Publications, chart inventory accounting, and the Defense Management Information System/Production (DMIS/P).

Also, forms and publications distribution, equal employment opportunity, equipment maintenance, personnel, security and parking.



Helen Johnson with plaque at awards banquet of the Special School District. (Photo by Ed Mullen)

'Employer of the Year'

Helen F. Johnson, coordinator for the placement of handicapped employees, was one of five individuals to receive an "Employer of the Year" award from the St. Louis County Special School District.

Accompanied by Richard A. Vierling, director of Civilian Personnel, Johnson was honored at the school district's annual awards Luncheon at the Ladue (Mo.) Chapel last month. Presentations were made by Dan Dierdorf, radio personality and former lineman for the St. Louis football Cardinals.

Officials cited Johnson for her role in hiring seven graduates of the Special School District. "This award is an expression of our appreciation for the outstanding work you have done in providing opportunities for handicapped workers to become self-supporting, tax-paying citizens."

The Aerospace Center is one of more than 400 firms and organizations registered with the Job Placement Service of the Special School District.

Johnson received a DMA Special Act Award in 1984. Aerospace Center officials cited her for an "aggressive outreach program" and "effective interaction with managers regarding the staffing of their positions. Her efforts have produced a positive environment for results to occur."

A native of High Point, N.C., Johnson came to the Center as a clerk-typist in 1963.

changed, organization charts updated, things like that." It is hoped that physical moves can be kept to a minimum. "We are basically just realigning functions in the production process to better group like functions under one department manager."

Picnic and 6 Flags: A Good Deal

"There's not going to be a better deal than this," commented Civilian Welfare Council chairman John Dellinger, speaking of the DMAAC picnic July 20 at Six Flags-St. Louis.

Employees now have until July 12 to get their specially priced tickets that entitle them to admission, parking and a fried

chicken dinner with all the trimmings. (Contrary to previous reports, beer is not included.)

Tickets are \$27.50 for two and \$13.75 for one. For those who need more than two tickets, the price is \$15.20 per ticket. Admission to Six Flags only is \$9.95 and the chicken dinner only is \$5.25.

The all-you-can-eat fried chicken dinner will be served in the picnic area at Six Flags from 2 to 4 p.m. Included are potato salad, pork and beans, and soda.

See your CWC area rep or alternate for tickets. Janice Thomas, recorder, at 4321 maintains a list of the Council members. Or call John Dellinger/8383.

Come on out to Six Flags and meet and greet your co-workers July 20.



Bits And Pieces

From the Black Book:

Walking is an exercise that many people do on a regular basis. There, of course, are all types of walkers—short ones and tall ones, fast ones and slow ones, evening ones and noon ones. The noon ones, it has been my experience, fall into distinct categories. For example, one group could be called the “round the park once or twice bunch”; another is the “up Broadway and back down the tracks” group; still another is the “in an around the brewery” set (it is questionable that they walk much further than the hospitality room); and the final category is the “let’s tour the town” hardy hikers. Within each grouping of course there are the single walkers, the couple walkers (particularly around the park) and the “I wanna be with the crowd” walkers. Sunny days, sans high humidity, seem to draw the largest number of sidewalk pounders. Rainy or chilly days are reserved for only the most dedicated, who are few and far between. Oh, there is one other category that I missed—the “whata ya mean we’re not driving?” species.

-0-

Overheard in the hall—“Do you know what IG stands for?” “Yeah, instant grief if you’re not ready.”

blb..

Charles A. Bush (seated), manager of the newly constructed supply store in the basement of Building 36, processes supply purchases of (from left) Robert Joiner (FEMPA), Roseland Grimmett (DAS) and Donna Snead (DASM). The new store was constructed under a contract with the Hof Construction Co. to rehabilitate sections B and C of the basement. Bob McIntyre, Facilities Engineering, is construction manager.



Contractor Receives Excellence Award

Hof Construction, Inc., 3137 Jamieson Ave. in St. Louis, has received an award of excellence from the Small Business Administration.

Aerospace Center Director Col. Byron S. Fitzgerald, USAF, presented the award to Paul Hof, supervisor of two construction projects at the Center. The Aerospace Center nominated the firm for the award last fall.

Hof Construction received the award for its attainment of high performance standards. Currently the firm has three contracts with the Center: (1) a \$473,000 interior and exterior renovation project, including a new roof, for Building 8900-3 at South

Annex; (2) a \$260,000 interior renovation project for Building 8900-2; and (3) a \$447,000 renovation project for sections B and C in the basement of Building 36. Section B has been completed.

With 16 employees, Hof Construction has an annual sales volume of \$5.2 million. About 85 percent of the firm’s sales is to the government.

Hof Construction began as a sole proprietorship in 1911 by Fred Hof. In 1952, four sons of Hof continued the business as a partnership. It was incorporated in 1977. Paul Hof represents the third generation to be actively involved in the firm’s operation.

LOOKING BACK

TEN YEARS AGO . . . What do for anybody. (Orientor, June 13,

In Africa

Red Cross Reports On Famine Relief

Some months ago we Americans were appalled by the press photographs and television footage coming out of parts of Africa. They reflected the unfolding tragedy of famine, the worst of this century, in the drought-withered land of the sub-Saharan.

In a little more than three months, Americans reacted by donating more than \$16 million to the American Red Cross fund for famine relief. This money was sent immediately to the League of Red Cross and Red Crescent Societies in Switzerland and became part of the \$70 million received worldwide to bring assistance to the hardest hit African nations.

As the conduit for such a large portion of the worldwide Red Cross aid program, the American Red Cross has a responsibility to monitor the assistance effort now under way in order to assure the American people that their donations are being well utilized.

Contributions move from Red Cross to Red Cross, without deductions for overhead of fund-raising costs. Relief supplies remain in the hands of Red Cross workers, and steps are taken to ensure fair distribution of food to the starving. All Red Cross relief supplies are reaching their destinations without interference from outside elements at this time.

In the long term, the greatest hope for the famine-affected nations is in agricultural and

Lieutenants Are Honor Graduates

Word has been received of the death May 30 in Florida of retired cartographer Donald M. Rowe. He had undergone open-heart surgery the day before.



glimpse of a car. "Hope it's not your car" was the general answer given at South Annex May 28 by everybody but Jim Lovelace. That's because it was Jim's car that the bees liked best.

The swarm was discovered just before quitting time and Jim decided, after some coaxing, that he would attempt to slowly drive the car off the installation to prevent injury to the departing employees. Very slowly he eased into his car and just as slowly he drove through the gate and headed home.

Highway speeds and a night's rest failed to remove all the bees, so the next morning Jim Lovelace and a fellow employee, William Fineran, who also does beekeeping as a hobby, removed the bees from the front of the car. The event provided a change of pace for Jim Lovelace and a new hive for Fineran and fortunately no stings

The Training School, which recently passed a milestone in its history by graduating its 1,000th student, passed another marker on April 7 by launching its 100th class. Class 65-I claimed the honor in a graduation ceremony for Classes 65-H, -I, -J and -K.

Participating in the ceremony were Lt. Col. W. M. Buckhiester, director of personnel; Sidney E. Tischler, chief of the Production and Distribution Plant; Louis T. Bernero, assistant to the chief of the P&D Plant; and Paul P. Condxis, chief of the school. (Orientor, June 11, 1965).

THIRTY YEARS AGO "No one of us is as smart as all of us" - that thought comes to mind every time someone in the ACIC receives a suggestion award. The variety of ideas that are submitted to the ACIC Incentive Awards Committee and the variety of those adopted are infinite. For example, a change in chart specs was the subject of a suggestion by William R. Gregg (Aero Info), while Louis Kurtz (Photo) focused on chart production, suggesting that some information be portrayed on an overlay. Meanwhile, Rudy Bunevac (Supply) recommended enlarging doors in the Schauer Building to accommodate the movement of supplies, and Marvin H. Whyman (Carto) made a proposal concerning shift work. These suggestors have recognized the opportunity to participate in decisions affecting their work. They have made themselves a part of ACIC management, not to mention the cash awards they received. (Orientor, June 1, 1955)

three-month computer systems development course for officers at Keesler AFB, Miss.

Attaining a 98.0 percent average in the course was 1st Lt. Bruce S. Bishop. The lieutenant also graduated first in a class of 15 attending the officer course in mapping, charting and geodesy given by the Defense Mapping School last fall.

Attaining a 97.7 percent average in the computer systems course was 2nd Lt. Todd G. Robinson.

To receive Honor Graduate distinction, students must achieve a minimum course average of 96 percent and demonstrate professional qualities commensurate with their technical skills.

Also deserving of recognition is 2nd Lt. Robert A. Halverson, USAF, who graduated from the same course with a 94 percent average.

Lieutenants Bishop and Halverson are cartographic-geodetic officers in the Scientific Computer Division (SDC). Lieutenant Robinson serves in the Cartographic Data Base Division.

SSgt. Allen Cited

SSgt. Tonya D. Allen, telecommunications operations specialist in the Office of Communications and Electronics (OC), has been awarded the Air Force Achievement Medal for duty during her assignment in Augsburg, Germany. Assigned to OC since January, she was cited for her "extraordinary performance and leadership qualities."

agricultural research has developed new seed strains that can grow in the painfully thin topsoil of these countries. Coupled with modern farming methods, there is no reason why the sub-Saharan cannot become fertile once again.

But this will take time. To speed up progress, the Red Cross has recruited agricultural scientists to work with government agencies in developing long-term projects.

There still is a terrible need on the African continent. However, the people of the United States and other countries have reacted with compassion, concern and generosity.

We know that progress will be slow, but the forces that have caused this tragedy will be overcome. Hope is being restored in these suffering African people.

(Reprinted from the Command Post, Scott AFB, Ill.)

Orientor

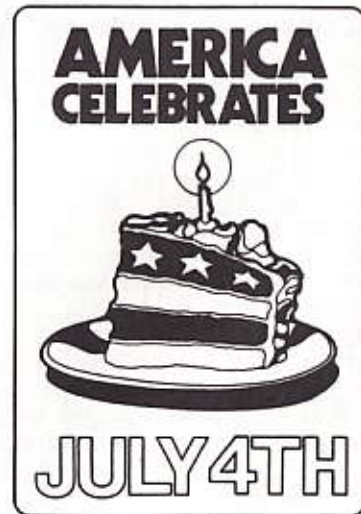
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May Honor Roll

40 YEAR

Harley E. Jennings.

35 YEAR

Julius A. Bugnitz, David E. Coggins, Charles H. Marshall.

30 YEAR

Howard A. Baker, Ethel H. Davis, Delores E. Grandidier, Robert R. Hinchcliffe, Lawrence Knopf, Patricia J. Massot, John Milligan, Jr., Valera D. Schoen.

25 YEAR

Donald C. Dilg, Larry L. Dotson, Kenneth E. Quillman, James W. Tancock.

20 YEAR

David P. Askew, Lorraine T. Beck, David L. Black, Lee C. Brewer, George E. Callahan, Anna K. Davis, John R. Haddick.

15 YEAR

Richard V. Bunte, Marie E. Dean, Steven E. Ditterline, Patricia A. Haviland, Vincent Love, Stephen M. Richter.

10 YEAR

Daniel S. Ahern, James R. Johnson, Paul C. Kelbaugh, Donald A. Lococo, Edward J. McGrath, Carlene I. Mitchell, Willie R. Parson, Howard J. Partney, Andrew G. Podleski, John B. Tuley, Agnes I. Wegescheide.

Outstanding Performance Rating

Danny W. Barber, Frederick J. Bockelmann, Michelle Chapman-Wilbert, Russell W. Cline, Steven R. Coleman, Kelley L. Dempsey, Gary V. Edwards, Leon E. Fisher, Bessie F. Godair, Daryl W. Hoegemann, Douglas W. Holleman, Billie W. Hopwood, Henry L. Jackson III, Thomas H. Luebbert, Jr., Randall B. Nagel, Joseph M. Powers, Kenneth E. Quillman, Sam F. Scearce, Steven C. Seiler, Dolores T. Simpher, Laurance R. Sulze, Mary P. Wylie.

Outstanding Performance Rating/ Quality Step Increase

Alfred R. Bick, William G. Clerk, Lorie G. Melichar, Curtis A. Nungesser, John E. Quint, Dennis H. Van Hee, Charles K. Wilkins Jr.

Outstanding Performance Rating/ Sustained Superior Performance

Robert J. Barker, Leslie L. Bovier, James E. Burnette, Charles A. Bush, Hester B. Cronin, Earl D. Degonia, Robert W. Florida, Muriel A. Huhmann, Karen Jenkins, Larry L. Jensen, Marcia V. Jones, Wanda L. Klug, Jeffrey L. Kretsch, Donald K. Kuhn, Ronald P. Mattli, Gregory G. McCray, Jane A. Messenger, Ann L. Miller,

Employee Retirements Are Listed

ORVILLE C. BAUGHMAN (GANA), negative engraving inspector, retired May 31 with more than 34 years of federal service, including 32 years and 10 months at the Aerospace Center.

HOWARD A. BAKER (SDRAB), photographer, retired May 10 with 30 years of federal service, including 23 years and six months at the Aerospace Center.

NORMAN W. DOERING (CD-CB), supervisory cartographer, retired April 3 with more than 36 years of federal service, all at the Aerospace Center.

CLIFFORD EMBERY (GADW), packer, retired May 3 with more than 37 years of federal service, including 32 years and 10 months at the Aerospace Center.

ELMER J. FILLA (GANB), negative engraver foreman, retired April 3 with more than 39 years of federal service, including 32 years and four months at the Aerospace Center.

VIRGINIA L. FIRTOS (GADS), freight rate specialist, retired May 3 with more than 22 years of federal service, including 17 years and six months at the Aerospace Center.

PAUL L. FRENCH (FEMBB), boiler plant operator, retired April 30 with more than eight years of federal service, including five years and nine months at the Aerospace Center.

JOSEPH E. HAYES SR. (LOSM), warehouse worker,

retired May 3 with more than 42 years of federal service, including 13 years and 10 months at the Aerospace Center.

DE LEON HOWARD (LOSM), warehouse worker foreman, retired April 1 with 36 years of federal service, including 33 years and two months at the Aerospace Center.

JAMES T. LEAHY (ADDNA), aeronautical information specialist, retired March 30 with more than 22 years of federal service, including 20 years and eight months at the Aerospace Center.

EDWARD E. MORGAN (AD-DSC), aeronautical information specialist, retired May 31 with more than 40 years of federal service, including 20 years and four months at the Aerospace Center.

JOHN L. PLOSS (SDDA), cartographer, retired April 2 with more than 36 years of federal service, including 34 years and 11 months at the Aerospace Center.

KENNETH V. POOLE (CDACB), cartographer, retired May 31 with more than 36 years of federal service, including 35 years and one month at the Aerospace Center.

WALTER F. STALLMANN (FEMBC), sheet metal mechanic, retired April 3 with nine years of federal service, including six years and four months at the Aerospace Center.

MARY G. WEDBERG (SDR-BA), laboratory photographer, retired April 1 with more than 23 years of federal service, including 15 years and six months at the

A Mover Moves On...

Do you know this person? She has imparted on the DMAAC community an unselfishness in coming to the aid of anyone who has been troubled, in ill health, or in need. No situation has been insurmountable for her to tackle, either through prayer with the Bible study group or by rallying our support. She has been instrumental in the organization of the yearly National Prayer Breakfast. Two years ago, she adopted an unwanted infant and is nurturing its development. The spirit in which she performs these actions proves her faith in people and in the ultimate of powers. She is retiring after 32 years of federal service on June 30. Who is she? She is Virginia K. Huff of SD.

—Marcelee Jackson/ chief



Quality Step Increase

Ray E. Musgrave, Bonnie J. Williams.

Sustained Superior Performance

Patrick B. Boone, Phil H. Gosling, Sandra L. Heins, David G. Hopkins, Charles F. Lee, William M. Ryan, Elaine M. Schlueter, Edward O. Schmidt, William R. Smith, Roy D. Wall, Kenneth Williams Jr.

Special Act Award

Victor J. Allen, Ronald S. Blouse, Michael I. Butler Sr., Charles H. Keeler, Kenneth Moit, Timmy G. Morris, Dennis W. Terhaar.

Suggestion Award

Nicholas J. Congemi Jr., \$1,146.00; Ethel J. Tichenor, \$1,063.00; Cynthia S. Reichwein, \$296.00; Stephen G. Racher, \$243.00; Michael J. Robinson, \$243.00; Ethel J. Tichenor, \$229.00; Arthur E. Essenspreis Jr., \$100.00; Arthur E. Essenspreis Jr., \$100.00; Theresa A. Kramer, \$50.00; Barbara K. Bick, \$26.00; L. Boyd Breeding, \$25.00; Mark A. Burrington, \$25.00; Susan S. Powley, \$25.00; Vernon L. Grothoff; Ethel J. Tichenor; Ira L. Weikel; John G. Willett.

Promotions Are Announced for May

The following people have received promotions during the month of May: John R. Allen, XP-6; Edward A. Balling, GS-9; Rickey A. Bonnot, GS-7; Mary Ann Bourbon, GS-12; Victor C. Brawley, GS-9; Harry R. Burris Jr., GM-13; Michelle Chapman-Wilbert, GS-11; James W. Clawson Jr., GS-12; Steven R. Coleman, GS-11; Duncan V. Crawl, GS-11; Chester B. Davis, GS-12; Diane E. Debaets, GS-12; Weldon E. Douglas, GS-12; Ronald B. Eischen, GS-9; Linda S. Eisenbach, GS-6; Carl E. Friedrich, GS-9; Karen S. Goff, GS-5; Brian D. Hanke, GS-11; Patricia A. Haviland, GS-11; Wendy L. Hicks, GS-11; Eric P. Hilberg, GS-12; Bruce W. Holubeck, WG-3; Shirley

J. Honea, GS-5; Steve E. Howard, GS-11; Charles W. Jacobs, GS-12; Joseph Samuel Jarvis Jr., GS-9; Karen Jenkins, GS-11; Gerald L. Johnson, GS-12; Dwayne J. Jordan, GS-11.

Frederick W. Kelch, GM-13; Kenneth B. Korte, GS-11; John E. Liebsch, GS-12; George E. McKenzie, WD-8; Carl J. Mihleisen, GM-13; Jeffrey D. Miller, XP-6; Sherman Moore, GS-7; Douglas J. Morrison, GS-9; Linda F. Newman, GS-6; Frank A. Oswitz, GS-9; Thelonia Y. Plummer, GS-11; Linda M. Poll, GS-5; Rita G. Radoski, GS-4; Don E. Rakers, GS-12; David E. Rauh, GM-13; Earl B. Reed, GS-9; Roger D.

Roam, GS-9; Douglas E. Ross, GS-11; Alan D. Rude, GS-7; Dawn M. Schoenberg, GS-7; Thomas A. Schwartz, GM-13; Margaret M. Slominski, GS-11; Tommy T. Smiley, GS-12; Donna J. Snead, GS-6; Marvin P. Staloch, GM-13; Mary Jo Staron, GS-11; Wolfgang K. Streich, GS-9; George W. Thomas, GS-9; Myrna J. Thornton, GS-11; Robert M. Usselman, GS-12; Susan K. Vieth, GS-9; Raymond E. Wakefield, GS-9; Diane M. Alder Weidle, GS-9; Gael A. Wheeler, GS-11; James C. White, GM-13; Jenkins L. White, GS-5; Jerry D. White, GS-12; Cynthia A. Whitehead, GS-9; Kenneth A. Wilbert, GS-11; James D. Williams, GS-9; Michael J. Wolf, GS-11; David E. Young, WL-11.

Staff Reassignments

The Aerospace Center Executive Resources Board has approved the following personnel actions:

Rondal Godfrey, GM-13 supervisory cartographer, has been assigned as chief of the new Modern Programming Environment Office in the Techniques Office of the Scientific Data Department (SDT). He was previously chief of the Techniques Office in the Cartographic Data Base Division (SDDT).

Charles Poepelmeier, GM-13 physical scientist, has been assigned to a new position in the Directorate of Systems and

Techniques, SPOEM Technology Division (STS). His former position in STS has been assigned to James A. Krause, GM-13 cartographer, who had been assigned to the Techniques Office in the Aerospace Cartography Department.

Lewis F. Rosenbaum, GM-13, cartographer, has been assigned to the ADP Management Branch of the Production Programs Modernization Division (PPMA). His former position was as supervisory cartographer in the Production Management Office of the Scientific Data Department.



Calendar

JULY	EVENT	PLACE	RESPONSIBILITY
2	Toastmasters	Lindbergh Rm.	P. Taylor/4546
4	Fourth of July		
9	Charters Golf	Columbia, Ill.	M Sterling/8468
11	IMAGE Mtg.	Stork Inn	C. Athie/4276
11	Toastmasters	South Annex	J. Rau/8224
16	Toastmasters	Lindbergh Rm.	P. Taylor/4546
19	Bloodmobile	2nd Street	C. Hardin/4047
23	Charters Golf	Tamarac, Ill.	M. Sterling/8468
25	Toastmasters	South Annex	J. Rau/8224
26	Home Computer Org.	PP Conf. Rm.	J. Johnson/4423
31	NFFE Local 1827	Dining Hall	V. Haun/776-8424

To the Armed Forces

Fourth of July Message From President Reagan

It was 209 years ago today that our founding fathers signed a document declaring the 13 American colonies free and independent. By so doing, they committed their lives, reputations and property to a new idea: that mankind was given "unalienable rights" by God to "life, liberty and the pursuit of happiness."

But the Declaration of Independence could not secure our freedom for all time. Nor was it guaranteed by the hard-fought battles from Long Island to Yorktown that won American patriots worldwide recognition and the right to call themselves a nation. Rather, our right to live in freedom has had to be paid for again and again. From the time of the ragged Continentals at Valley Forge to today's proud men and women in uniform, maintaining our nation's security has been both the toughest and the most important job an American can do.

I am proud to be your commander in chief. I salute you and join your fellow Americans in wishing you and your families the best Fourth of July ever.

President Ronald Reagan

Rec Ball Is Never Dull

All the jokes have been exhausted concerning softball rainouts, but there were a few games played recently.

In the Scary Squash Division the Master Batters came from behind to zap the Zeroids 10-4, Dave Huddleston with an unassisted triple play and Dr. C providing

mostly due to Steve Oswill's eagle-eyed response to Dan McElroy's red shorts in a bizarre double play. The Misfits blew away the C-Team 27-6 in the Battle of the Guards, even though Joe White's shiny pink hat had the Misfits confused for awhile. In the Recreational League, a calm attitude and

Kudos

Piper Is Nominated for Federal Award

The Aerospace Center has nominated cartographer W. Brad Piper (SDDAB) for an Outstanding Handicapped Federal Employee of the Year Award. A quadriplegic, Piper is employed in Section 2 of the Data Analysis Branch, Cartographic Data Base Division (SDDAB).

Officials said Piper performed all of the functions required of cartographers in his section, which supports the DMA Vertical Obstruction File. "Measuring the height and determining the location of vertical obstructions requires the collection of source materials from several places in the building and the use of varied pieces of equipment. Tasks are more difficult for Mr. Piper because of his confinement to a wheelchair and the impaired use of his hands. But with persistence and extra effort, he performs them all, never asking for special consideration."

Piper was also cited for "his cheerfulness and his eagerness to take on new tasks and do them well."

One of his primary assignments has been to handle all outputs of the Vertical Obstruction File to support the Military Terminal Procedures (TERPs) program. The job involves monitoring suspense dates, processing computer runs and shipping material to users. In the process, Piper has



Photo by Ed Mullen

refined the computer runs to minimize processing time, nominating officials stated. "This year he was also responsible for annual Vertical Obstruction File support for a special chart series, which he completed in record time."

An Aerospace Center employee since October 1982, Piper earned his B.S. in geography from Southern Illinois University at Edwardsville in 1981. He has completed course work for an M.S. degree in geography. He is a member of Gamma Theta Upsilon (National Geographic Honor Society).

Piper is a native of Mt. Vernon, Ill. He now lives alone in Troy, Ill. His hobbies include photography, music, gardening and traveling.

Employee's Photo Series Is Published

Know How To Help

Heat Victims

Summer is a time for outside fun — and the heat of the sun. Excessive heat may affect the body in a variety of ways:

HEAT STROKE is a response to heat characterized by extremely high body temperature and disturbance of the sweating mechanism. Heat stroke is an immediate, life-threatening emergency. Symptoms include a hot, red and dry skin and a rapid and strong pulse. The victim is often unconscious. Get medical help. Remove the victim's clothing and sponge with cool water. Use fans and air conditioners.

HEAT CRAMPS are muscular pains and spasms that occur largely due to the loss of salt from the body in sweating. The muscles of the legs and abdomen are generally affected first. Exert firm pressure with your hands on the cramped muscles or gently massage them. Give the victim sips of salt water (one teaspoon per glass). Two glasses of salt water over the period of an hour should bring relief.

HEAT EXHAUSTION is characterized by fatigue, weakness and collapse due to an inadequate intake of water to compensate for a loss of body fluids through sweating. Symptoms include normal (sic) body temperature, pale and clammy skin, profuse perspiration, tiredness, weakness, headache and nausea. Sometimes

Boys, then bounced back against Who's on First.

The Summer Owls beat the Birds in the Battle of the Birdbrains, Mike Finski and Paul Dzialowy stroking two homers apiece. The GOB's dealt the Wonies 13-8 on a bunted home run by Dave Ivens. The Fowl Balls fried the Birds 19-2. But they ran out of hits against the Foto Flashers, who beat them 8-2, despite Carl Dixon's new haircut. The Zeroids' Bill Small recovered from a tumble at second only to fall again at the plate; yet he still scored, as they had the Birds beat 16-6.

In the Purple Peanuts Division the Wild Bunch beat the Spitballers and the C-Team, the latter win

Standings as of June 19

Team	Won	Lost
SCARY SQUASH DIVISION		
Master Batters	6	1
Summer Owls	6	1
Who's on First	4	2
Fowl Balls	4	2
Good Ole Boys	3	2
Foto Flashers	3	4
Zeroids	2	4
Cougars	2	4
Wonies	1	5
Birds	0	7
PURPLE PEANUT DIVISION		
Diamond Backs	5	1
Warriors	4	1
Misfits	4	1
Wild Bunch	5	2
Twins	4	2
Deacon Blues	4	2
Day After	3	3
Bottle Caps	2	4
C-Team	1	5
Guided Muscles	1	5
Spitballers	0	6

Archers Win

Three cartographers in the Aerospace Cartography Department's Imagery Analysis Division (CDI) put their sights on some archery targets, winning the Bow Hunter's League at the Game Bag Archery Range in Arnold, Mo., last month.

John Broleman, Kevin Carney and Mark Ely, competing as the Sandbaggers, defeated eight other teams in a four-game series, with each person shooting three arrows at four targets, five to 30 yards down range. Trees and brush were positioned between archers and targets. A fifth game was decided by the team's total score in the first four games.

—Les Wielgos

A series of photographs by Glenn Warr, student in the Scientific Data Department's precision photographic processing course, was published in the May 12 Illinois Times.

Focusing on poverty, the photos showed people waiting in a breadline in Springfield. Warr said his photos were an attempt to document the times and increase public awareness. Many of the people standing in the breadline were just down on their luck, he added. "When we are fortunate to have a job that provides for our needs, unintentionally, we tend to forget about the less fortunate."

Warr was a student at Sangamon State University in Springfield before coming to the Aerospace Center last March.

Bondurant on Human Relations Panel

Management analyst Bennie Bondurant (CMMA) has been appointed to a two-year term on the University City, Mo., Commission on Human Relations. The 12-member commission conducts studies and advises the city council on all aspects of human relations.

Bondurant has been active in block unit activities for nearly 10 years, but this is his first nonpartisan political appointment. His employment with the Aerospace Center dates to August 1957.



GRADUATES OF ORIENTATION PROGRAM FOR CARTOGRAPHERS AND GEODESISTS, Class 85-C, are pictured. From left: Jay Isaak - Southern Illinois University (Edwardsville), Lewis Cecil - University of Wisconsin, Lee Warner - Southern Illinois University (Edwardsville), David Leach - Bowling Green State (Ohio), Matthew Taylor - University of Toledo (Ohio), Paul Cicchetio - University of Massachusetts, Raymond Desimone - Temple University (Pennsylvania), Stephen Megivern - University of Iowa, Donald Bush - Central Michigan University, Mary Miller - Webster University (Missouri), Kelly Waymire - University of Kentucky, Shelly Gron - Wayne State (Michigan), Nissa Nack - Washington State, Robert Stoll - University of North Dakota, and Steve Hicks - University of Southern Mississippi.

victim to a cool area. Have the victim lie down with feet raised 8 to 12 inches; loosen clothing and apply cool, wet cloths. If the victim is able to tolerate fluids, give salt water in sips, one teaspoon per glass, two glasses per hour. If the victim vomits or is unconscious, get medical help.

Have fun this summer. Relax, enjoy, and STAY COOL!

—Geri Winans, R.N.
Medical Services

Luncheon Specials

The Luncheon Specials listed are available in the dining halls at 3200 S. 2nd St. and 8900 S. Broadway and in the snack bar of Building 36. Prices of specials vary. Items are subject to change without notice.

Week of July 1

- Mon. - Ham and beans, corn-bread, one vegetable.
- Tue. - Sliced turkey breast with mashed potatoes, one vegetable.
- Wed. - Fried chicken and two vegetables.
- Thu. - INDEPENDENCE DAY.
- Fri. - Fried fish fillet with macaroni & cheese.

Week of July 8

- Mon. - Salisbury steak with tomato sauce, two vegetables.
- Tue. - Frank & baked beans with cole slaw.
- Wed. - Fried chicken with french fries.
- Thu. - Mostocolli and meat sauce, garlic bread.
- Fri. - Fried fish fillet and french fries.