

Orientor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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SEASONS GREETINGS

R. Dillon, Jr.



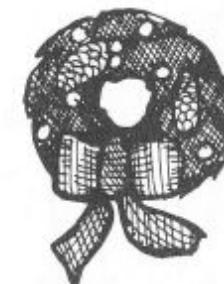
DEFENSE MAPPING AGENCY
BUILDING 56, U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20305

12 December 1979

MERRY CHRISTMAS FROM GENERAL AND MRS. NICHOLSON

It is the time of year for friends and family, for festivity and merrymaking, for year-end religious observances and new year resolutions. Windy and I wish all of you at DMA the happiest of Holiday seasons. You deserve it for a year of hard work, professional achievement and dedication to a skill and product vital to peace in our world. May we all enter the New Year proud of our accomplishments and anticipating even better things to come for all mankind.

William L. Nicholson
WILLIAM L. NICHOLSON, III
Major General, USAF
Director



Happy Holiday
On 24th

In an announcement made at the White House Dec. 11, President Carter proclaimed Dec. 24 as an official holiday for Federal employees.

Mancini New Deputy Director for S&T

The proposed selection of Dr. Armando Mancini as deputy director for Systems and Techniques at HQ DMA has been announced by Maj. Gen. W.L. Nicholson, III, director of DMA. The selection is subject to the approval of the Office of the Secretary of Defense.

Dr. Mancini, formerly the chief of the Advanced Technology Division, Directorate for Systems and Techniques, came to the headquarters in September of 1978 from the Research Institute at the U.S. Army Engineer Topographic



datum transformations, and other operational computations. In 1957 he graduated from the Massachusetts



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ST LOUIS AIR FORCE STATION, MISSOURI 63118

1979

HOLIDAY GREETINGS

As the decade of the 70's comes to a close, we of the Aerospace Center can be truly thankful for the good fortunes that have been ours as an organization. Despite the monetary, energy and international factors that have marked the past ten years with a degree of confusion and turmoil, the Aerospace Center has continued a steady upward progress in terms of employment, production and national priority requirements.

Increasingly greater demands have been made of the Center as new technologies result in more sophisticated weapon systems that require specialized MC&G products. Working as a team the Aerospace Center employees have met the challenges with professional quality work,

U.S. Army Engineer Topographic Laboratories as director of that agency.

He received his Bachelor of Science Degree in Geology from West Virginia University, and his Ph.D. in Astronomy from Georgetown University. He started his career in the field of mapping and geodesy at the Army Map Service in 1951.

In 1954 Dr. Mancini worked with the Chart Research Division of the Aeronautical Chart and Information Center in Washington, D.C. where he supervised a computational group performing

operational computations. In 1957 he transferred to the Topographic Engineer Division at Ft. Belvoir working as a research mathematician.

In 1960 he joined the research group at the Air Force Cambridge Laboratory where he served as project engineer on the flashing light beacon for the ANNA satellite. In 1964, working in the Research Institute of U.S. Army Engineer Topographic Laboratories, he initiated the current developments of Inertial Geodesy. He became the director of the Research Institute in 1975.

AFA Award to Popp



Air Force Association National President, Vic Kregel, (left) presents the AFA's Medal of Merit to Missouri State President, Stuart Popp. Popp is employed as an air information specialist with the Aerospace Center. The presentation was made during the 5th Annual Joint Spirit of St. Louis and Scott Memorial Chapter banquet, Nov. 2.

employees have met the challenges with professional quality work, unquestionable dedication, and a pride which no other charting organization can equal.

As we move to the 80's let us look back long enough to offer thanks for the blessings of the past and then turn our attention to the future with a pledge to preserve and enhance the excellent reputation of the Aerospace Center team.

As you join with family and friends this holiday take with you my sincere thanks for your contributions to the team and my best wishes for a joyous holiday and a bountiful New Year.

ROBERT C. BURNS
Colonel, USAF
Director

November Retirements

November retirements for which no information was furnished the Orientor include:

WILLIAM C. HARRELL, JR., ADT, retired on Nov. 17 a week after reaching the 30 year mark. He had been at the Aerospace Center for 24 years, 6 months and was assigned as an aero information specialist.

ROY H. WOOD's, CDCDB, disability retirement was effective Nov. 16. All but two of his 23 years, 2 months total Federal service was at the Aerospace Center where he was assigned as a cartographer.

WILLIAM J. WAGNER, SDRAA, retired on Nov. 26 with 39 years, 3 months total Federal service. He was a photographer and had been at the Center for 7 years, 4 months.

AC Men's Basketball League Action

The AC Men's Basketball League inaugurated the 1979-80 season with three games played on Dec. 5. Game number one was an action packed, closely contested game between the Rogues and Burners, with the Ron Jones coached Rogues grabbing a 54-52 victory on a last second basket. In game two, the Mudsharks displayed a balanced defense and scoring attack in the 48-37 win over the Celetics (yes, Celetics not Celtics) coached by Kevin Springer. The Mudsharks coaches are Gary Liebsch and Larry White. The biggest team in the league, the Slow N Sures, coached by Sam Scearce, used their physical advantage in racing past the Bert Bryant coached Bullets 57-35 in the

final game of the evening.

All teams demonstrated exceptionally good play, particularly for the first game action of the season. Two or three of the teams still are in need of at least one additional player; those employees interested in playing should call 4627. Also, Center employees who enjoy watching exciting basketball, involving our own people, are invited to the Soulard Gym (8th and Lafayette) to see the players in action and cheer their favorite team.

The league schedule, which will be published in the next issue of the Orientor, will be followed by a single elimination tournament played on Feb. 27 and Mar. 5, 1980.

--Jerry Carlton

Thirty Year List Still Growing

ROBERT P. HADDAD, CDVB, reached the 30 year mark on Dec. 7. Bob states that his first federal position began with military service in 1949 when he enlisted in the U. S. Air Force. After completing photomapping training at Ft. Belvoir, Va. in 1950 he served with the 548th and 363rd Reconnaissance Technical Squadrons. He remembers Sgt. Joe Steakley, a former Center employee, Cliff Crews and Bob Picarelli, as



Haddad



Kania

classmates at Ft. Belvoir. Cliff and Bob are still with the agency.

In 1953 he was employed by the former Army Map Service as a stereo/multiplex compiler. His current tenure with the Aerospace Center goes back to April 1954 at Det. #1. Before transferring to St. Louis in July 1957 Bob completed several duty assignments in Washington. He researched, collected and evaluated cartographic source materials for application to the former AOF and TAAR programs.

When Bob and Tom Whisnant (now retired) came to St. Louis they moved desks off the trucks into the area now occupied by the UNIVAC 1100 series computer. He has held line and staff positions in the former Chart Research Division. He has been involved in the preparation of geodetic dossiers, preliminary analysis reports, feasibility studies and chart compilation instructions. Bob performed as a physical

scientist project officer in ACDEG-PEO and helped establish the quality control operations in ACDE.

Bob states that while working for Jaen Henry he learned to make decisions; Leroy Sewell exemplified the low key, easy-going approach to management and "slick" Will Tucker taught him how to be indefinite and non-committal.

Bob's next assignment was with

(heavy equipment) with overseas duty in Hawaii, Guam and Japan. He received his discharge in March 1946.

He worked in private printing industry until July 1952 when he joined the Aeronautical Chart Plant and was assigned to the Bindery & Finishing Division, Production & Distribution Plant. His entire civilian career has been in this Division where he is presently assigned as foreman, Finishing Division.

ALFRED W. TAYLOR, celebrates his 30th anniversary on Christmas eve. He started his mapping, charting and geodetic (MC&G) career in 1945 in the U. S. Army as an instructor, cartographer. After his release in September 1947 he attended Wayne University until recalled to active duty in December 1950 serving until July 1951.

He was employed at the U. S. Geological Survey, Topographic Division from 1952 until October 1954 when he transferred to what was the Center's Det. #1 in Washington, D.C. He later transferred to St. Louis where he was assigned to the Chart Research Division. He returned to the Washington office in January 1963 and from 1965 to 1972 he served as Geodetic and Geophysical Liaison Officer representing ACIC.

In 1973 he was selected as DMA Liaison Officer, United Kingdom serving there until October 1977 when he returned to the Center in St. Louis. He was assigned to the Scientific Data Department, Production Management Office as a supervisory cartographer until his selection last year to his present assignment as DMA Liaison Officer in Indonesia missions designated airfields around the world.

Nouember Honor Roll

35 YEARS

Charles Menchaca, Ralph N. Pipe, Donald J. Brewer, William O. Jones, Earl A. Zorn, Livingston J. Lanning.

30 YEARS

Charles B. Castro, Bill G. George, William C. Harrell, Jr., Lowell R. Sumpter, George E. Peo, Sr., Richard E. Barnard, Grace H. Riechmann, Orville J. Heim, Donald R. Pauls, Robert W. Vincent, Virgil D. Walker, Dorothy S. Williams.

25 YEARS

Walter R. Beatty, Quentin R. Domminquez, Donald P. Vail, Donald W. Grafeman, Kenneth W. Webb.

20 YEARS

Norman H. Egbert, Paul G. Abegg, George H. Huelsmann, Mary F. Pollack, James E. Smith, Wallace J. Haviland, Ronald D. Forsythe, Robert L. Mazzei, Leo C. Reiser, Gerald L. Fintrup, Vervia F. Henschel.

15 YEARS

Timothy J. Anderson, Edward A. Miller, Mary Catherine Corbett, Chester O. Smith, Jr.

10 YEARS

Cheryle J. Zimmer, Sherman Moore, Royal C. Webster, Michael G. Platter, Madeleine L. VanDeven.

OUTSTANDING PERFORMANCE RATING

Robert J. Grachus, Gregory J. Kuehl, Josephine E. Lewis, Joseph S. Platte, Stephen P. Toolen.

OUTSTANDING PERFORMANCE RATING/ QUALITY SALARY INCREASE

Richard L. Distler, Jeanette D. Provaznik.

OUTSTANDING PERFORMANCE RATING/ SUSTAINED SUPERIOR PERFORMANCE

Juliet L. Bauer, Monica M. Benda, Judith H. Fizer, Robert D. Hubbs, Dorothy M. Hyduke, Vivian Mooney, Joe Williams.

QUALITY SALARY INCREASE

Thomas P. Berra, Merlin L. Gray, George F. Jokerst, Carl S. Lappe, Melvin L. Smith, Robert N. Sundbakken, Livingstone B. Sykes, III, Ronald C. Updegrave, Clifford R. Youngstrom.

SUSTAINED SUPERIOR PERFORMANCE

Harold F. Bartels, Mary E. Bove, William J. Dissett, Elizabeth E. Ecker, Billy L. Fergerson, Jon D. Flinn, Bunice A. Gooch, Clyde R. Greenwalt, Warren R. Kunstman, Joseph E. Kurtak, Charles A. Lechner, Harry Lemakis, Janet T. Morey, Joseph V. Raymond, Edwin P. Schmidt, Jr., Leonard G. Seger, Jerry L.

Space Shuttle Adventure Now Business Center Chart Support Critical

"Adventure must give way to business," said a representative of the National Security Council while calling for new perspectives on America's leadership role in space.

"The gestation time for transportation revolutions is usually measured in decades, but (the space-shuttle program has) to mature . . . by the early 80s," said Air Force Lt. Col. Wayne O'Hern Jr. in a paper delivered before the American Astronautical Society recently in Los Angeles.

Colonel O'Hern and Brig. Gen. Robert Rosenberg, a policy advisor for the NSC, prepared the paper to address current space policy and implications for the space-shuttle program.

The space shuttle is part aircraft, part spacecraft; a reusable space vehicle designed to carry payloads beyond the earth's gravity and then return. Five space shuttles are planned with initial launch scheduled for the summer of 1980.

The Aerospace Center has already been working on various MC&G products which will be required for the shuttles actual flights as well as special training graphics that are in use today for astronaut simulation training.

One type of product that is now receiving much of the production attention is a series of charts for

the landing phase of the shuttle missions at designated airfields around the world.

In explaining the landing chart requirements, Joe McKinney, the Aerospace Center's man in Houston (NASA liaison officer) said, "The shuttle has no power; it has only one crack at landing. He will turn to those maps when the shuttle is still about 100,000 feet up and about 100 miles from the runway." The shuttle will be traveling at that time at about twice the speed of sound and dropping at a 30-degree angle. Landing will be in approximately seven or eight minutes. Because of the speed and time factors the pilots must have special charts that allow them to progress from one series of charts to the next as they descend. Each series will show landing information in greater detail as the pilot's perspective changes during the craft's approach to the airfield.

According to the National Security Council representatives, "Our reliance on space will continue to grow as we pursue our national goals.

"We are being driven to more dependence on space as economically viable or quickly available conventional ground-based alternatives are denied by budget, technology, geographical, political or operational factors."

Summarizing presidential directives the officers noted three points that applied to use of the new technology:

1. the role of the shuttle in affirming freedom of access to space;
2. the role of the shuttle, used on a regular basis as part of a space transportation system, in providing that access;
3. the immediate need to exploit the shuttle's potential to the fullest extent.

The issue of freedom of access to space is important, they stated, because of the danger of arms competition in space in what they called "the anti-satellite arena."

"In the anti-satellite arena, the Soviets have also raised a challenge to established legal practice and the long-standing U.S. position that the space systems of any nation are national property and have the right of passage through and operations in space without interference.

"Freedom to operate in space, or denial of control to hostile nations, is becoming increasingly critical for the maintenance of world peace and our national security," they stated.

They said our national policy "calls for a program to assure enforceable access to space," and "a capability to effectively detect and react to threats to all U.S. space systems."

Charles H. Eckert, Jr., Raymond, Edwin P. Schmidt, Jr., Leonard G. Seger, Jerry L. Sharp, Willard T. Tucker, Dorothy H. Westerholt, L. D. Williams.

SPECIAL ACHIEVEMENT AWARD

Debora A. Brown, Don E. Klier, Theodore D. McNeal.

SUGGESTION AWARD

Judith Ann White, \$205.00; John C. Miller, \$110.00; Bill G. George, \$90.00; Sydney J. Bosma, \$50.00; Joseph L. Klein, \$35.00; Alva D. Sporer, \$35.00; Randolph H. Boykin, Sr., 2 - \$25.00 each; Nancy H. Hemme, \$25.00; Linda K. Holecomb, \$25.00; Susan M. McConnell, \$25.00; Constantine J. Parato, \$25.00; Harry E. Raymond, \$25.00; Paul R. Gegg, Philip F. Von Fildt, Marvin H. Whyman.

New Officer For Flight Info Branch

Lt. Col. Richard C. Walton, USAF, is a new officer arrival at the Center. He has been assigned as the chief of the Flight Information Branch, Requirements Division of the Directorate of Plans and Requirements, replacing Lt. Col. Robert McKenzie.

The colonel began his Air Force career in 1961 as an aviation cadet. He is a Vietnam veteran and holds an aero rating of master navigator. He came to the Center from Offutt AFB, Neb.

Colonel Walton holds a Bachelor of Science degree in geography from the University of Nebraska, Omaha, and a Master of Science degree in geography from the University of Nebraska, Lincoln.



Women's Club Bazaar Goes Over Big



The DMAAC Women's Club Annual Christmas Bazaar held Dec. 7 was very successful with sales totaling close to \$900.00. Pictured above are Center employees eagerly purchasing the baked goods and handmade wares of the Women's Club. Profits from the bazaar will go to the Judevine Center for Autistic Children, along with maintaining a fund to help needy families throughout the St. Louis area.

DMA Award To Platte

Joseph Platte, retiring chief of the Scientific Data Department, was presented the DMA Meritorious Civilian Service Award during a special banquet held in his honor Dec. 7.

The award was presented by Aerospace Center Director Col. Robert Burns.

The retiree was cited for meritorious service as chief of the Scientific Data Department from October 1976 to December 1979.

"During this period, he played a key and vital role in the development of new and improved technical and management techniques necessary to support the cruise missile project, flight simulation trainers and other high priority aerospace weapons systems," read the citation.

In presenting the award Colonel Burns praised the 34 year veteran of Federal service for his outstanding contributions to the MC&G community.

November Promotions

The following people received

CS 331 Albert J. Janiak GS 13:

Gate Closed

The afternoon of Dec. 14 brought about the closing of the pedestrian gate on "K" parking lot into the main installation, a fact of which most users are already aware.

The reasoning behind the closure was not to add to the walking distance of employees but to increase the security control of access to the installation.

With a little luck on the weather employees should not have to be inconvenienced too long. A complete new automobile and pedestrian entrance to the "K" lot will be constructed so that total access will come from inside the installation.

While construction is underway employees parking on "K" lot will have to enter the installation, after parking on the lot, by walking through the main installation gate and displaying their badge.

CWC Candy Sale

The Civilian Welfare Council did their part in satisfying the sweet tooth of Center employees with the sale of 1510 pounds of See's Candies. What is really amazing is that all the candy was sold in less than an hour.

The candy was sold on Dec. 5 and Dec. 12 at both Second Street and South Annex by the CWC as a nonprofit venture. It was done as a courtesy for Center employees, with savings of 95¢ to \$1.00 per box.

Eileen Sinnwell, chairman of the Council, reported that because of the success of this sale it will probably again be offered on Valentine's Day, Easter and Mother's Day.

AD Party

Center Co-ed Volleyball

The volleyball season hit the halfway mark and the league is starting to take shape with the stronger teams moving to the top of each division. With one week left before the holiday break in the schedule, the Net Knockers lead Division A with a perfect record (18-0), followed by the Leftovers (16-2) and the Bumper Stickers (17-4). In Division B, Ward Klocke's 12-Paks (14-7) continue to lead their division.

On Dec. 4 the Bumper Stickers defeated the Sugar Daddies 3 games to 0, and then the Sugar Daddies came back to defeat the Bad Data team, 2 games out of 3. In the first game, Jeanne Provasnik and George Huelsmann improved the Bumper Stickers' record to 14 wins and 4 defeats for the season. In the second game, outstanding serves by Debbie Spaeth and the excellent floor play by Jane Drazen and Paulette Martin led the Sugar Daddies' attack.

The Chinese Sandpeople defeated Mickey's Keep-It-Ups, 3 games to 0. Led by Sandy Sanborn and Bridget Dukes, the Chinese Sandpeople are currently on a 6 game winning streak.

In the fourth game of the evening, the Network team defeated Out to Lunch Bunch, 3 games to 0. Debbie Flory and Jeff Bowman led the charge as Network's winning streak reached 6 games.

In the nightcap, the Leftovers defeated Dirty Dozen 2 games out of 3. Outstanding serves by Ed

Coycault and floor play by Sally Naucke and Tom Christoffel improved the Leftovers' record to 13 wins and 2 defeats.

On Dec. 11, the 12-Paks played a double set of games and won 5 out of 6 games. In the first set, the 12-Paks defeated Network 3 games to 0. The second set was a key match up of the top teams in Division B and the 12-Paks defeated the Chinese Sandpeople 2 games out of 3. Excellent team play by Fran Renschen and Jane Judge enabled the 12-Paks to stretch their first place lead in Division B.

The Leftovers continued to win as they defeated Bad Data 3 games to 0. Led by the excellent floor play of Mary Ward and Herb Baker, the Leftovers improved their record to 16 wins and 2 defeats for the season.

In the fourth game of the evening, the Bumper Stickers' winning streak reached 13 games as they defeated the Dirty Dozen 3 games to 0. Outstanding floor play by Carol Greco and Jim Simpson improved their record to 17 wins and 4 defeats for the season.

The last game of the evening was an excellent match up between the Net Knockers and the Miller Highlifes. The Net Knockers continue to hold down first place in Division A as they won all 3 games. Led by John Hall and Dianna Handte, the Net Knockers finish the first half of the season undefeated.

—Chuck Arns

Standings through Dec. 18 are:

| Team | Division A | | Division B | | |
|--------------|------------|------|-----------------|-----|------|
| | Won | Lost | Team | Won | Lost |
| Net Knockers | 21 | 0 | 12-Paks | 16 | 8 |
| Leftovers | 13 | 2 | Bumper Stickers | 17 | 4 |

The following people received promotions during the month of November: Charles W. Arns, GS-12; Janell S. Barker, GS-4; Glenn T. Beshears, GS-13; Evelyn Bible, GS-7; Thomas B. Bowes, GS-11; Roberta L. Braundel, GS-7; Clemmie Brown, GS-11; Rodney L. Butler, GS-11; Judy D. Conway, GS-6; Vivian A. Dednam, GS-9; Janet M. Fialka, GS-7; John D. Flaherty, GS-13; Cathy S. Haller, GS-5; Max C. Hug, GS-11; Barbara J. Jaeger, GS-7; William C. James, GS-5.

KCO Exceeds CFC Goal



Employees of the Kansas City Office have successfully exceeded their Combined Federal Campaign goal this year. An objective of \$9,000.00 was established for the 183 employees with total contributions amounting to \$9,349.00. The CFC Kansas City representatives pictured above are: first row, left to right, Margaret L. Morris, Dolly M. Brown, Gerald E. Congrove, Gale W. Godfrey; second row, left to right, Edward E. de la Pena, Susan K. Ziegler, Mary M. Quiroz, Cynthia M. Oleksy, Ross W. Mericle; third row, left to right, John T. Hensley, Patrick T. Biggar, Catherine A. Pulley, Huey P. Hervey, Kevin M. Fisher, Lee Davis. Not present for picture: Alfred A. E. Hansen, Jr. and Carol L. Palmer.

AB Party For Retirees

A retirement party for nine Aeronautical Information Department employees will be held Jan. 4, 1980 at Slay's Restaurant, 10205 Gravois Rd. The retiring employees who will be honored at the party are: George Bucker, James Fahey, Jack Hughes, Orville Heim, Dexter Johnson, Marie Kelly, Victor Trejbal, Stanley White and Earl Zorn.

The buffet luncheon will begin at 12:30 p.m. Price of the ticket is \$9.25, which includes dinners for the retirees and their spouses.

Tickets may be obtained from: R. Thomas, 8367; S. Sanborn, 8396; A. Wuenscher, 8384; P. Fitzgerald, 4241; O. Spyers, 4806; and Bill Kolnik, 4242. All friends of the retirees are invited.

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Col. Robert C. Burns
Director

David L. Black
Chief, Public Affairs Office
Editor

Nancy Brannon
Asst. Editor

| | | | | | |
|------------------|----|----|----------------------|----|----|
| Net Knockers | 21 | 0 | 12 Paks | 10 | 8 |
| Bumper Stickers | 20 | 4 | Chinese Sandpeople | 11 | 10 |
| Leftovers | 19 | 2 | Dirty Dozen | 9 | 15 |
| Miller Highlifes | 14 | 10 | Sugar Daddies | 7 | 17 |
| Network | 11 | 10 | Out To Lunch Bunch | 4 | 17 |
| Bad Data | 3 | 18 | Mickey's Keep-It-Ups | 0 | 21 |

