

Tax Reform Repeals Sick Pay Exclusion

A section of the Tax Reform Act of 1976 repeals the 30-day sick-pay exclusion, whereby after 30 days many could exclude the first \$5,200 annual income from taxation (or \$100 a week).

Under the new law only those under 65 and retired on disability as permanently and totally disabled are eligible for a tax exclusion. Veterans Administration payments are not affected by the change in law, but other government disability payments other than those retired on disability and permanently and totally disabled are, of course, now no longer subject to a sick-pay tax exclusion.

The law provides a transition rule to take care of persons retired before January 1, 1976.

For those retired on disability and permanently and totally disabled who become eligible for the tax exclusion, the exclusion applies only to their first \$5,200 (\$100 a week) of income and this amount must be reduced by any annual adjusted gross income exceeding \$15,000.

Thus, if a person is retired on disability as totally and per-

manently disabled, the individual will not receive any tax exclusion on annual adjusted gross income of \$20,200 or more because of the reduction beginning at \$15,000. Also, if married, the individual must file a joint tax return. In addition, once the individual reaches 65 his tax exclusion no longer applies.

Further questions should be addressed to a tax consultant or the Internal Revenue Service.

For employees under 65, clearcut advice cannot be offered regarding the tax advantages of disability vs. optional retirement because the definition of disability in the new tax law is different and more stringent than the definition in civil service retirement law.

Optional retirement can be processed more rapidly, as the employee is not required to document disability for retirement purposes. Disability retirement is still advantageous to the disabled employee who has less than 12 years of creditable service required to continue health and life insurance coverage into retirement.

CSC Forms Change

The Civil Service Commission no longer requires applicants to answer questions on membership in organizations when filling out Standard Form 171 and other applications for Federal employment.

The decision to drop the so-called

ION Meet To Feature Talk By Director

DMAAC Director, Col. James St. Clair, will be the featured speaker at the January 27th meeting of the St. Louis Section of the Institute of Navigation.

The topic selected by the

Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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Aerospace Center Employee Holiday Activities Benefit Needy

Activities of the Center employees prior to the holidays made the Christmas season happier for a lot of individuals.

The Aerospace Cartography Department collected over \$700 in the operation of the 1976 Christmas Card fund. The Salvation Army's Tree of Lights received \$586 and the Post Dispatch's 100 Neediest Cases was presented \$125.

The Geopositional Department and their Positional Data Division used various fund raising activities to collect \$971.85 for the Salvation Army's Tree of Lights. The Photogrammetric Control Division also centered their fund raising around the Tree of Lights collecting \$87.50. The Geosciences Division helped one of their own as monies collected went to the Jerry Breville family to assist in defraying some of their recent medical expenses.

National Prayer Day Jan. 27

The annual National Prayer Breakfast will be observed at DMAAC on January 27, according to Center officials. The annual observance is held at Federal installations and agencies throughout the world.

It is sponsored by the Senate and House Prayer Groups to acknowledge the moral and spiritual values upon which the United States is founded. The President, Vice President and many other government officials are expected to attend the kick-off observance in the nation's capitol.

The breakfast is a non-sectarian, interfaith observance.

At the Aerospace Center the prayer breakfast will be held

The Scientific Data Department's first annual Operation Christmas Card fund raising could be described as a real "nutty" affair. Caught up in the Christmas spirit, members of SDDAD obtained, bagged and sold over 1500 pounds of peanuts and netted a profit of over \$550 which helped swell the coffers of the department's Christmas Card fund to over \$2300. Department personnel also conducted cake walks, bake sales, luncheons, guessing games and many other types of activities. The funds were disbursed to several needy causes, including the Tree of Lights and the St. Louis Department of Family Services.

The Aeronautical Information Department's Toys for Tots and Canned Goods for the Little Sisters of the Poor was a tremendous success, according to Carol Gaffney and Bud Brown, project of-

to games, trains and airplanes—were collected. Items such as soap, cake mixes, fruits, vegetables, frozen meats, etc., were collected.

The Printing and Distribution Department conducted its annual charity project, "Christmas for the Needy 1976" with great support from all of its employees. This year's efforts resulted in approximately 25 cases of staple food goods, clothing of all sorts and sizes for young and old, toys, games, puzzles and other game type toys in large numbers, and cash donations of \$225. All of the things donated were turned over to the Salvation Army Tree of Lights for at least 12 families which were provided to PD by the Salvation Army. The families live in close proximity to DMAAC, 2nd and Arsenal and 8900 South Broadway.

All employees are to be

The decision to drop the so-called loyalty questions from Federal employment applications does not lessen the Commission's responsibility during the course of required investigative processes to inquire into, and resolve, any question of loyalty with respect to applicants and appointees to Federal positions.

The decision to discontinue the questions followed extensive consultation with the Department of Justice. Although revised several times, the questions have been held by the courts to be too broad in that they were used routinely for all applicants, encroaching on rights of association protected by the First Amendment.

Historically, questions regarding affiliation with organizations were designed to elicit information regarding membership in the communist party or other totalitarian organizations. The questions will be deleted when application forms are next revised. In the meantime, instructions have been sent to all Commission examining offices to inform all applicants in writing not to answer those questions on existing forms.

Prayer Breakfast Jan. 27

The topic selected by the Director is, "Where Do We Go From Here in Aerospace Charting?"

The meeting will be held at Grant's Cabin Restaurant, 8352 Watson Road beginning with a social hour at 5:30 p.m.

The program will begin at 7:30 following dinner.

The price is \$7.15 for non-members and for members and their spouse it is \$6.00 each.

Reservations can be made any time before noon Monday by contacting Paul J. Fitzgerald—4241 or Frank J. Finklang—8191.

by Neil Van Dermeulen
Over 120 ASP members and guests attending the December meeting of the American Society of Photogrammetry heard Harold Masursky, Senior Astrogeologist from the United States Geological Survey, speak about "Preliminary Findings of the Viking/Mars Landing."

Masursky, in his presentation, first touched on the history of Mars as it related to telescopic observation. The Italian astronomer, Schiaparelli, in the late 1800's observed lines or channels on Mars. In his scientific paper, the Italian word for channel was canali. Foreign astronomers misconstrued this word for canal. This generated a great interest in Mars not only by the general public but astronomers as well.

prayer breakfast will be held beginning at 6:30 a.m. in the 2nd Street Dining Hall. A special breakfast is being planned for the occasion and a full program of prayers, speeches and musical presentations to appropriately mark the National Prayer Breakfast.

The DMAAC choir will participate. Plans are being completed at presstime by a special committee composed of Maurice Yahl, Floyd Morris and Bob Perlman.

Attendance will be open to all who desire to attend within the limits of the Dining Hall capacity. The program will last approximately one hour.

ASP Meet Hears Viking Story

The eminent astronomer Percival Lowell was so intrigued by Mars that he was instrumental in getting an observatory built at Flagstaff, Arizona primarily for the observation of Mars. Lowell made the conjecture that the markings on Mars were irrigation canals that were bringing water from the polar caps to the arid regions.

In recent history the first space craft photos were taken by the fly-by of Mariner 4. The poorly detailed imagery only showed a small area of Mars that was pock-marked with craters. In 1967 Mariners 6 and 7 showed about the same features. A decision was made to launch Mariners 8 and 9 in 1971. Mariner 8 promptly disappeared into the ocean.

Mariner 9 was successfully

launched, but was initially thwarted by planetary dust storms. As the dust storms dissipated, the orbiting Mariner 9 took many excellent photographs of the larger features. Mariner 9 could resolve any detail larger than a football field on the Martian surface.

The initial site selections for the landings of Viking 1 and 2 were picked from the photographs transmitted by the orbiting Mariner 9, according to Masursky. The original site for Viking 1 was in a plain area by an old river channel (it was thought there may still be water submerged in the ground). A latitude of approximately 22 degrees was picked so as to have a warmer climate. The Viking 2 site was picked on a plain, near the polar cap where water is more abundant.

Nominated were: Dave Caldwell for Air War College; Lawrence Knopf for Navy Command and

All employees are to be congratulated for their generous Christmas spirit.

Staff College; Roe Davenport and Shirley Sostman for Armed Forces Staff College and George Collins and Paul Atkins for the Public Management Program.

The group will compete with other DMA component nominees in the final headquarters selection.

Viking 1 and 2 were successfully launched and for almost a year the Viking 1 covered a curved path of a half-a-billion miles in space. Its twin, Viking 2, followed behind. The Viking could pick up detail as small as 40 meters on the Martian surface and by the use of radar altimeter could detect surface roughness down to 3 meters.

The interesting features were many, though some had been seen from Mariner 9. A giant volcano named Olympus Mons soared 18 miles above its plain (Mt. Everest is 5-1/2 miles high). The shield-like shape of the volcano gave the scientists an indication of its chemical composition. A gigantic canyon named Valles Marineris extended 150 miles wide, 4 miles deep and 2500 miles long (Grand

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December Honor Roll

35 YEARS

Charlie Burchfield, Kent T. Johnson, John H. McBride.

30 YEARS

Robert J. Zimmer, James H. Scates, John A. Bateman, Lillian P. McKeever, Edwin R. Fleet, Joseph L. Farkas, William P. Hopkins.

25 YEARS

Benjamin Fordson, Frederick J. Bates, Lloyd N. Garbe, Kenneth H.F. Tebbe, R. Eleanor Mandel.

20 YEARS

Billy L. Decker, Edward M. Toalson, Kenneth E. Mack, Richard A. Van Buren, Raymond Diggs, Edward A. Coycault, Richard F. Downey, Robert C. Moehl.

15 YEARS

Jack M. Diaz, Leneere L. Patterson, Mary G. Wedberg, Laurence A. Engelhard, John G. Carty, Joe W. Smith, Guenther A. Ostendorf, Wilma Hicks, Carl J. Havermann, Anita M. Weber, Dick K. Chin, Franklin P. Mosley, Jr.

10 YEARS

Gilbert K. Sievers, Bernice J. Bryant, Allan B. Korte, Gerald V. Reieron, Myrna R. Smith, Josephine E. Williams, John F. Clouser, Betty J. Forniss, Rosalie A. Hosfeld, Cleoria J. Stokes, Jo Ann Doerer.

OUTSTANDING PERFORMANCE RATING

Paul O. Crabtree, Mary Ann Meuer, Vernon Charleston, George B. Sigler, Mary F. Ward, Dorothy J. Billingsley, Martinous V. Walls, Charles L. Schaefer, William T. Gibbons, Gilbert G. Ferguson, Auda M. Adler, David Boone, Robert Baker, Eleanor Reeves, William H. Schramm, Marie L. Sherman.

QUALITY SALARY INCREASE

Paul O. Crabtree, Mary Ann Meuer, Vernon Charleston, George B. Sigler, Mary F. Ward, Dorothy J. Billingsley, Juliet L. Bauer.

SUSTAINED SUPERIOR PERFORMANCE

Year End Retirements Increase

PHILIP O. MELBY, AC, departed recently on extended leave pending retirement. He has over 35 years Federal service with over 28 at this Center.

His Federal career began with the Defense Housing in Washington in July 1941 as an assistant messenger. He resigned in February 1942 to take a position as apprentice engineer draftsman (cartographer) with Geological Survey but left there in October for private industry. He served in the Army from January 1943 to January 1946. In February he was appointed an engineering aide (carto) at the Army Map Service, and later promoted to cartographer.

He transferred to the Aerospace Center in July 1948. He has been a cartographer in the Operations Division and a supervisory cartographer in the Photogrammetry Division. He later served in the Missile Support Department and most recently as a cartographer in the Aerospace Cartography Department.

Mr. Melby said, "My immediate plans are to remain in St. Louis for several years. We have a place in Illinois which I plan to renovate and make into our future home. Also plan to go back to school and study more art.

"So, between painting, playing golf, keeping our places in order, and working for our church, I should keep out of trouble."

ROBERT L. BLACK, FEMPA, departed recently on extended leave pending retirement. He had 26 years Federal service with nine years at DMAAC.

He served in the Army from December 1943 until September 1947 as a truck driver and dispatcher.

He returned to Federal service

first job was research analyst for the Research Department. From 1962 to October 1966 he held various jobs in Production Control and Quality Control and supervisor. In October 1966 he was transferred to the Gravity Branch at South Broadway and was assigned to the Collection Section, Correlation Branch, Special Evaluation Branch and the Gravity Library Branch.

He served six months active duty in the Army, honorable discharge, with basic training at Ft. Leonard Wood and active duty at Ft. Carson, Colorado.

The following retired at the end of the year:

HARRY C. BENZ, SDRAA, retired with 38 years Federal service. He entered Federal service on November 18, 1938 with the U.S. Corps of Engineers, Little Rock District as a blue print and photostat operator.

He was furloughed to active military duty in October 1943 after enlistment in the U.S. Navy. He completed a course in photography and was assigned to a Fleet Camera Party in the Pacific until discharged in September 1945.

He returned to civil service with the War Assets Administration in December 1945 as an inspector until August 1946 when he re-enlisted in the Navy. He was assigned to the Naval Air Station at Lambert Field in charge of the Photo lab until the base closed and the function was transferred to Olathe, Kansas. He retired from the Navy with 20 years active duty in November 1963.

He returned to Federal service at DMAAC in December 1963 and had been assigned as a photographer.

He states he has no definite plans after retirement.

wage work and are now in our top administrative positions; and I also see those who remind me of unfortunate experiences they have had which I have been privileged to help smooth out," said Carter.

"My plan has been to retire in 1976, and I see no reason not to work my plan. Betty and I will remain in St. Louis County where our home ties are and take one day at a time to see what the future brings."

ANCEL J. DILLENDER, retires with 33 1/2 years Federal service with over 18 years at DMAAC. He worked for the Civilian Conservation Corps from 1940 to 1941 as a rod and chainman. His Federal service began with the Department of Agriculture as a surveyor in November 1941. He enlisted in the Marines in 1943 and served in the South Pacific. He received his discharge in 1946 but continued working for the Marine Corps as a civilian in maintenance until June 1948.

He returned to Federal service as a carpenter with the Public Housing Administration. He transferred to the Air Force in 1955 until 1957.

He resumed his Federal career at DMAAC as a laborer in September 1958, was promoted to a guard and from December 1958 until retirement was a carpenter.

Dillender said he is looking for property in the country and hopes to get a farm.

JAMES B. HEIDT, PDP, retires just five months after reaching the

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Navy Officer Assigned to PR

In Sympathy

ALTON J. MARTIN, ADDS-4, died on Saturday, January 1. He had been at DMAAC since August 16, 1966 and was assigned as an air information specialist.

Services were held on Tuesday, January 4 from Kassly Mortuary in Fairview Heights, IL, with interment at Mount Carmel Cemetery.

He is survived by his wife Virginia, one daughter, two sons and two step-daughters.

JAMES E. PLACE, GDDAC, passed away in his sleep at his mother's home on January 1st. Funeral services were held on January 3.

Jim's disability retirement was effected on October 14, 1976. He was a cartographer (photogrammetry) and had 27 years total Federal service with 24 years, 4 months at DMAAC.

Expressions of sympathy may be

sent to : Mrs. I. Place, c/o Gene Place, Tamaroa, IL 52888.

Word was received of the death of Wilton L. Probst on December 18 at his home in Medford, Oregon.

He retired on October 13, 1969 with more than 29 years service with 18 at ACIC. He had been assigned to the Printing and Distribution Division. He also served as Chairman of the Credit Committee of the Arsenal Credit Union from October 1954 until June 1969.

He and his wife Thesa and family have made their home in Medford, Oregon since his retirement.

Word was also received of the recent death of Joseph W. Podnar. He was assigned to Facilities Engineering at time of his retirement, July 31, 1968, and had spent all 17 years of his Federal service at ACIC.

Mr. Black said he has no immediate retirement plans.

JACK MENENDEZ, JR., CMD, retired on December 20 with 34 years, 5 months total Federal service. His career began in September 1941 as a personnel clerk with the Panama Canal Washington Office until May 1942 when he went into the service. He was assigned to a bomber crew on B-17s with the 15th Air Force in Italy and was discharged in October 1945.

He was then employed at the Veterans Administration Regional Office until January 1958 when he transferred to DMAAC and was assigned to the Accounting and Finance Office. At time of retirement he was assigned as a computer systems analyst in the Automated Production Management Branch.

He said he plans to play more golf, travel some, possibly go back to school and maybe seek part-time work.

GERALD L. BREVILLE's, GDGGC, retirement was effected on December 21, 1976, with 15 years Federal service.

He was recruited from Southeast Missouri State College and started work at DMAAC in June 1962. His

Hospitals. After discharge from the Navy, he was immediately employed in December 1945 in the Personnel Office, Veterans Administration Hospital, Jefferson Barracks. His first assignment was as a Position Classifier (Trainee). He spent approximately three years in classification and transferred to the Chart Plant at 12th and Delmar in January 1949. He remained in classification for several years and progressed to Chief of the Division and then asked for a reassignment to Placement Employee Relations Division to broaden his experience. He remained in employee relations work in the Personnel Management Advisory Division.

"The U.S. Air Force (ACIC) was in my opinion, an exceptionally good employer and DMA has also had its rewards. My tour of duty at ACIC-DMAAC has been challenging and rewarding. Throughout DMAAC I see employees who remind me of pleasant as well as unpleasant experiences. I see those that I have recruited at some college or university or have assisted in employing in some other way; those that were lower grade employees when I first met them through classification and



Lieutenant Commander Thomas Fraim began duty with the Aerospace Center during December. He has been assigned as an Air Information Staff Officer in the Directorate of Plans, Requirements and Technology.

Commander Fraim was last assigned to Naval Air Station Oceana at Virginia Beach, VA. He is a graduate of the University of Michigan with a degree in meteorology and entered the Navy through the Naval Reserve Officer Training Corps at that university. He later received his master's degree in meteorology from the Naval Postgraduate School at Monterey, CA.

He has 9 1/2 years of active service, including 10 months in Vietnam.

The new officer is married to the former June Early of Whispering Pines, N.C.

DMAAC Employee Develops Kirkwood Map

Eleven years ago, Paul St. Poston, ADA, moved to Kirkwood. The lack of a current city map bothered Paul. After many talks with City officials and business persons in Kirkwood, no action was initiated, although all agreed a new city map was needed.

Paul decided to undertake the work himself, applying his knowledge of map and chart production and relying upon support of Kirkwood businesses. He initiated the project with the idea of producing a new map to

commemorate the Bicentennial Year. Paul soon found out that it would become a one-man project. He sold the ads to provide the cost of printing and did the art work, ad design, map design and the color separations.

All went well until the plates were lost in the first printing attempts. Paul had to recover and make two new plates from his original negatives. This delayed printing of the maps but he closed the Bicentennial Year with the new map of Kirkwood.

Retirements

October-December 1976

Benz, Harry C. SDRAA
Benz, Susan E. SDDLA
Breville, Gerald L. GDGGC

Carter, Ben S. POX

Dayton, Bessie A. GDDA
Dillender, Ancel J. FEMAA

Fleet, Edwin R. PDB

Gatchell, John W. RDNL

Habel, Paul R. ADPF
Harrison, Hosea SOCB
Heidt, James B. PDP
Henley, Nolan W. SDDL
Hester, William B. SDP
Hunter, Printice FEMC

Kastanek, Edward J. ADFC
Kuthe, Robert M. PDP

Landholt, Howard C. PDB
Logsdon, Grace M. CMDP

Mathews, Albert FEM
McGee, Charles A. ADDEC
Mason, Jack CMDP

Recruiting Service Vacancies Open

Three-year stabilized tours in advertising and publicity for senior first lieutenants and captains are open in Air Force Recruiting Service detachments. Seven vacancies are available now, with more expected in the next 18 months.

Vacancies are in Milwaukee; Cleveland; New Cumberland, PA; Gunter AFS, AL; Omaha, NE; St. Paul, MN; and St. Louis.

Duties in advertising and publicity include general publicity programs as well as creation, production and placement of advertisements and public service radio and television spot advertising.

Personnel officials say that officers not now in information officer positions should possess a

HOW TO Jump a Car Battery

It's a sickening feeling to walk out to your car and realize you left the lights on all day. And you were right. The battery is dead. So now how do you go about getting the car started?

• If you must jump-start your car (that's when you use jumper cables to borrow power from a good battery), do it right.

• Attach one end of a jumper cable to one battery's POSITIVE terminal, and the other end of the same cable to the POSITIVE terminal of the other battery. Attach the remaining jumper cable FIRST to the negative terminal of the OTHER vehicle's battery (regardless of which vehicle has the discharged battery) and THEN to the negative terminal of the battery in your car—thus taking advantage of the battery's flame arrestor feature, should a spark occur.

• Follow the directions given in the owner's manual for your

particular car. Never use an owner's manual for another kind of car because there are differences in wiring that could cause problems.

• When you position the car so that the jumper cables will reach both batteries, make sure the vehicles do not touch.

• Don't let your head get too close to the battery when connecting jumper cables because of the danger of sparks.

• Make sure both cars have the same battery voltage—usually 12 volts.

• On jumper cables, cable clamps, battery terminals or battery cases, POSITIVE connections are identified by a RED color, "+", "P", or "POS". NEGATIVE connections are identified by a BLACK color, "-", "N", or "NEG".

For more information, write for a free copy of *Battery Hazards* to Consumer Information Center, Dept. 22, Pueblo, Colorado 81009.

Patrolman of Month



Q — I am 20 years of age and the surviving son of a de-

HEALTH & SAFETY

Role Reversing Women's Ulcers Rise

American women are steadily seizing the long-time badge of success for businessmen: the ulcer, the National Institutes of Health's "NIH Record," notes.

"This is one instance in which equal rights for women are becoming a reality," says Dr. Morton I. Grossman, director of UCLA's Center for Ulcer Research and Education in California.

The UCLA Center is supported by the National Institute of Arthritis, Metabolism, and Digestive Diseases.

Over the past 30 years, the male-female ulcer ratio in this country has dropped from 20 to 1 to 2 to 1, according to hospital and clinic records. One in 10 Americans will have ulcers at some time in their lives, says Dr. Grossman, one of the world's top ulcer specialists.

Specialists Attend Conference

He reported his findings during the Digestive Disease Week conference in Miami Beach. Some 3,000 gastrointestinal specialists, many of whom are conducting NIH-funded research, attended the meetings.

Experts cannot fully explain the feminine ulcer trend—which they say is worldwide—but trace part of the problem to increased smoking and drinking among women.

"Smoking, as well as the social use of alcohol, has risen terrifically in women," says Dr. Charles F. Code, a former Mayo Clinic ulcer specialist who is now assistant director of the UCLA Center.

Both substances upset the gastric system by irritating the delicate mucous membranes, he says.

Stress Factor Questioned

Since no one has ever scientifically connected either occupational or emotional stress to ulcers in men, the researchers stop short of attributing the current rise in female gastric disease to increased job responsibility.

"It's a very popular notion that psychological and environmental factors contribute to ulcers, but it's never been proven," Dr. Grossman says. "For some people, stress on the job actually seems to inhibit ulcers."

The UCLA center is currently studying airport controllers. "You'd think that would be one of the most stressful jobs around—but so far we've found no link to ulcers," Dr. Grossman says.

The female ulcer trend—accompanied by a 30 percent to 50 percent drop in

Menendez, Jack	ADDD
Meyers, Waldo W.	PD
Mihalik, Robert A.	LOP
Moss, B. Mildred	ADDS
	LO
Pitcher, Luella Q.	AD
	(Wash, D.C.)
Place, James E.	GDDAC
Rocco, Guido S.	ADDP
Seeley, Norval R.	ADDP
Speer, Hersul V.	FEMAC
Topping, William H.	ADDE
Voelkel, Oliver M.	Mddb
Weightman, Philander	FEMC
Wheeler, Carl E.	ADFC
Zust, Christian R.	SDP
Zwicke, Henry C., Jr.	SDRCB

officer positions should possess a degree in either advertising, marketing, public relations, broadcasting or journalism. They stress, however, these degrees aren't absolutely mandatory and applicants will be judged on an individual "whole person" basis.

For more information, interested officers may write or telephone Maj. Jerry Belle, special manning section, AFMPC/DP-MROS6B, Randolph AFB, TX 78148, Autovon 487-4933.

Also becoming available in 1977 will be positions for detachment commanders, operations officers and support officers.



Sure there are a lot of good reasons to drive 55, but there's one thing to remember:

It's not just a good idea. It's the law.

The ORIENTOR is an official newspaper, published bi-weekly on Friday by and for the personnel of the Defense Mapping Agency Aerospace Center, at St. Louis, Missouri. Opinions expressed herein do not necessarily represent those of the DOD.

Col. James H. St. Clair
Director
David L. Black
Chief, Public Affairs Office
Editor



Gilbert W. Downing was selected as Security Policeman for the month of December. According to Security Police officials, he has distinguished himself as an outstanding guard and is recognized by DMAAC employees for his continuously neat appearance, courteous friendly attitude and efficient performance.

He retired from the U.S. Army after 20 years service and has been at DMAAC since June 1966.

Downing is also very active in church and civic activities.

Rhymes of the Times

BLOOD IS A GIFT
STRAIGHT FROM THE
HEART
SO WHEN YOU'RE ASKED
PLEASE DO YOUR PART.
Agcn...AFPS



Did You Give Today?

and the surviving son of a deceased veteran who died of a Service-connected disability. I received dependency and indemnity compensation after age 18 while attending college until I married. I am now divorced. Since I am still attending school, can these benefits be resumed?

A — Since Jan. 1, 1975, benefits may be restored if the marriage is terminated because of death or divorce. The benefit may be paid between ages 18 and 23 while enrolled in a VA-approved school.

Q—I was honorably discharged six months ago, after two years' active duty. I had some dental work done in Service, but it was not completed. Am I eligible for dental treatment through the VA?

A—Veterans with Service-connected noncompensable dental disability in existence upon release from active service must apply to the VA within one year of separation date. They must be examined within 14 months from separation and dental treatment must be completed within three years from application.

increase ulcer trend—accompanied by a 30 percent to 50 percent drop in male ulcers in the past 20 years—also seems to disprove the long-held theory that women's hormones protect them against ulcer formation, Dr. Code says.

While the causes are elusive, the first effective ulcer preventive drug may be in the offing, according to scientists.

Researchers are getting "promising" results with a histamine drug that apparently "turns off the acid tap" of acid-producing cells.

Ulcers—penny-sized breaks in the lining of the stomach or intestine—are caused by excess acid. Cigarettes, alcohol, caffeine, and aspirin are known to lead to ulcers by stimulating acid secretion or damaging membranes.

New Drug Effective
The new drug, called "Histamine H2 Blocker," cuts off acid-producing sites on individual gastric cells, according to Dr. Code. He predicts that widespread prevention and early cure of ulcers could become a reality "within 15 to 20 years."

Meanwhile, as doctors continue to watch women catch up with men in the ulcer race, Dr. Code said he is not sure what social significance, if any, the trend involves. "Almost any disease will change a person in a certain way, but we haven't found any pattern with ulcer patients," he said.

Ebel Serves In Community

Bernhard C. Ebel II, ACNCA, has been appointed to the board of directors for the Bellettes All Girl Drum and Bugle Corps, Belleville, Ill. The Board is composed of ten civic leaders.

The Bellettes are the oldest all girl drum and bugle corps in the midwest.

Viking Lander

Continued From Pg. 1

Canyon is 18 miles wide and 1 mile deep). There were huge, wide, dry river channels. The largest are 15 miles wide. Eons ago cataclysmatic floods filled the channels to depths of hundreds of feet. There are many meteorite craters curiously oblong in shape. The shape possibly indicates that the meteorite on impact melted water locked in the soil as permafrost. Other topographic features include faults and eroded plateaus. Smaller features such as sand dunes and mini-channels can be distinguished. Mini-channels may indicate that in the past rain has fallen on Mars. If this is true it means that the Martian atmosphere in the past was much denser and the climate warmer.

Other findings from the Viking orbiters revealed the residual ice caps were made from water vapor, the atmospheric pressure on the Mars surface is equivalent to the pressure of the earth's atmosphere at an altitude of 21 miles, and the diurnal appearance of ice clouds over craters as temperatures warm up.

On July 20, 1976 the Viking 1 made a successful landing albeit one leg landed on a small boulder. Fortunately the Viking missed hitting a large 10 foot boulder (later dubbed Big Joe) that was 30

feet away. The next day the Lander 1 began sending back a panoramic picture of a rusty vista.

As all the newspapers reported at the time, a problem developed when the sampling claw would not extend. This was found to be a human programming error and was promptly corrected.

Both Viking Landers had identical experiments to perform to determine if there is life on Mars. The GEX (gas exchange experiment) on Viking 1 indicated life was present; paradoxically, the soil experiment indicated no organic material and therefore no life. Scientists would have to wait for Viking 2 to land to prove or disapprove life on Mars.

Viking 2 landed in Utopia Plainta (Plain of Utopia) at a latitude of 48 degrees North, 225 degrees West Longitude. Viking 2 pictures were somewhat like the scenes from Viking 1.

Viking 2 performed the same experiments as Viking 1. Again the results were the same with the GEX experiment indicating life and the soil experiment indicating no life. In the month of December contact was lost with Mars as it went on the other side of the sun. This month contact again will be made and the paradox of the experiments may be resolved.

Year End Retirements

Continued From Pg. 2

30 year mark. He entered military service in September 1940 and was assigned to the Operations Office, Task Force 811 at Aruba, Netherlands West Indies for three years. He was discharged in June 1945. He was commissioned in the Coast Artillery Corps, National

plans, Henley replied: "I will first have to resolve my plans and decide which one since I have about 14. I plan to do a little work on the farm and hope to do extensive traveling as soon as I can get my wife to quit work. Finally, I'll get to my retirement plan."



What You Should Know About Heart Attacks

An estimated 4,050,000 Americans have coronary disease, and 650,000 will probably die from heart attacks this year. Many thousands of these could be saved if the victims know and heed the body's warning signals.

The Signals of Heart Attack:

- Uncomfortable pressure, fullness, squeezing or pain in center of chest lasting two minutes or more.
- Pain may spread to shoulders, neck or arms.
- Severe pain, dizziness, fainting, sweating, nausea or shortness of breath may also occur. Sharp, stabbing twinges of pain are usually not signals of a heart attack.

Emergency Action

If you are having such chest discomfort which lasts for two minutes or more, call the base or post rescue service immediately. If you can get to a

hospital faster by car, have someone drive you. Keep a list of emergency rescue service numbers next to your telephone and in a prominent place in your pocket, wallet or purse.

Be A Heart Saver

If you are with someone who is having the "signals", and if they last for two minutes or longer, act at once.

Expect a "denial." It is normal to deny the possibility of anything as serious as a heart attack—but insist on taking prompt action.

- Call the emergency rescue service, or
- Get to the nearest hospital emergency room;
- Give mouth-to-mouth breathing and chest compression (CPR) if it is necessary and you are properly trained.

desire to do some traveling," said Hester.

ROBERT M. KUTHE, PDP, retired with 33 years, 10 months total Federal service with all except military service at DMAAC.

He served with the 15th Air Force as a radio operator and gunner on B-24's and flew 23 missions in Southern Europe during WW II. He joined the Chart Plant in September 1945 and was assigned to the Reproduction Division. He was assigned as a lithographic specialist at time of retirement.

clerk-steno and was later changed to secretary (steno). She transferred to the Aerospace Center as a clerk-steno in March 1952 and was assigned to the Production Engineering Staff Office of the Production & Distribution Plant.

She was reassigned to the secretary position in the Directorate of Materiel, now Logistics, in October 1956 where she remained until her retirement.

"I do not have any special plans for retirement except to just enjoy each day as it comes. I look forward to catching up on work at home and having more time to do

November Promotions

The following people have received promotions during the month of November: Barbara R. Albers, GS-4; Alfred E. Boyd, GS-6; Stephanie J. Boyd, GS-4; Lawrence N. Bratcher, GS-10; Dominic L. Cheli, Jr., GS-13; Gerald M. Elphinstone, GS-13; Ralph K. Imhof, GS-15; Terence M. Kelly, GS-11; Barbara J. Korn, GS-5; Gary C. LeFave, WG-10; Meredith L. Morris, GS-12; Charlene F. Mouser, GS-6; Roland F. Niederschmidt, WP-18; Leonard G. Seger, GS-7; James J. Sippel, GS-11; Robert E. Smetana, WP-20.

—Military—

On November 1, 1976 Nevin J. Bechtel was promoted to Technical Sergeant and James D. Drans to Staff Sergeant, both of who are from the Cartographic Technical Squadron. On November 30, 1976 Carolyn K. Erman was promoted to Captain. Captain Erman is also from the Cartographic Technical Squadron.

information specialist at time of retirement.

"I plan to devote full time to my clock repair and antique business," said Seeley.

HERSHUL V. SPEER, FEMAC, retires just three months after reaching the 30 year mark. He worked for the Civilian Conservation Corps in 1939 and 1940. He went into the Navy in August 1942 and spent 32 months overseas prior to his discharge in October 1945. He began his Federal civilian service as a steamfitter with the St. Louis Administration Center in 1945 until 1952 when he returned to

Guard in 1948.

He came to DMAAC in May 1951 and was assigned to the Printing Division as an offset press feeder.

He was recalled to active duty for the Berlin Crisis 1961-62. He retired from the Reserves in April 1973 as a Major, U.S. Army Signal Corps with 29 years service.

After his recall to active duty he returned to DMAAC and all service has been in the Printing Division. He was assigned as a lithographic specialist at time of retirement.

"I plan to take it easy and enjoy myself until spring then learn to refinish furniture or sell real estate," said Heidt.

NOLAN W. HENLEY, SDDL, retires with just over 36 years of Federal service with almost 20 years here at DMAAC.

His Federal career began in September 1940 when he entered the Navy at Great Lakes, IL. He served as a photogrammetrist for three years after graduating from the Naval Photographic Intelligence Center in Washington in 1949. He received his discharge in April 1952 and began his civilian career that June at the Naval Oceanographic Office as a carto comp aid receiving his promotion to cartographer in January 1955.

He transferred to the Center in April 1957 and was assigned as a supervisory cartographer at time of retirement. He served as the Base Restaurant Officer from February 1975 to February 1976.

When queried on his retirement

WILLIAM B. HESTER, SDP, began his Federal career in 1940 with the Agricultural Adjustment Administration in Raleigh, NC, as an engineering aid in the Photogrammetry Division. He entered military service and served with the Army Coast Artillery Corps for four years. Overseas duties were performed in the Pacific Theater of Operations where he was granted a field commission and assigned as a Battalion Survey Officer. After discharge from service in 1946 he joined the Aeronautical Chart Plant as a photogrammetric engineer in the Photogrammetry Section. There he served successfully as Chief, Control Section, Final Compilation Branch and Small Scale Branch.

In 1957 he was assigned as Chief, Compilation Branch in the Cartography Division and remained there until he was assigned to the Chart Research Division in 1958. Hester held jobs as Chief, Eastern Area Branch, Western Area Branch and Production Management Office until reorganization in October 1976. Since that date he has been assigned as Supervisory Cartographer in the Production Management Office of the Scientific Data Department.

"Our retirement plans call for us to remain in the St. Louis area where I plan to play more golf, expand my vegetable garden and maybe go along with my wife's

GRACE M. LOGSDON, CMPD, retires with 14 years Federal service with all but ten months at the Center.

She came to DMAAC in September 1963 and was assigned to the Chart Research Division. In July 1964 she went to the Comptroller Office in the Cost Accounting Branch and since July 1967 has been assigned to Payroll office.

"I plan to have more time with my family now on retiring and give more time to my hobbies with perhaps a little traveling."

ROBERT A. MIHALIK, ADDS, retires with almost 37 years service. He entered the U.S. Army Air Corps in 1939 and was assigned as an airborne radio operator. He was based in Puerto Rico at the time Pearl Harbor was bombed. He retired in January 1960 after 20 years in the Air Force.

He entered on duty at ACIC in March 1960 assigned to Aeronautical Information Department as an aeronautical information specialist until retirement.

Mihalik said he plans to travel south for the winter, teach flying part-time and charter flying rest of spare time.

B. MILDRED MOSS, LO, retires with over 32 years Federal service with almost 25 years at DMAAC. Her Federal career began in September 1944 at the Rural Electrification Administration (REA). On January 8, 1946 she transferred to the Veterans Administration Branch Office as a

things I want to do," said Mrs. Moss.

GUIDO S. ROCCO, ADPP, retires just 2 months after reaching the 30 year mark.

He entered the U.S. Navy in 1942 and was assigned as a radio man at various Naval Air Stations and units in the U.S. and South Pacific. He was discharged in February 1946 but re-enlisted in 1949 and served until 1958, for a total of 12 years military service.

He resumed his Federal career at DMAAC in October 1958 and was assigned to the Aeronautical Information Division as an aeronautical information specialist.

"No immediate plans in retirement, except to stay as active as possible," said Rocco.

NORVAL R. SEELEY, ADPP, retires four months after reaching the 30 year mark, with all but his military service at DMAAC.

He enlisted in the Army Air Corps in August 1942 and was commissioned through the Aviation Cadet Program in 1943. He was a bombardier-navigator with the 97th Bomb Group in North Africa and Italy in 1944 and received his discharge in October 1945.

He returned to Federal service at the Aeronautical Chart Plant in November 1949 and was assigned to the Aeronautical Information Division. He served in the P&D Plant staff office for 15 years and returned to the Aeronautical Information Department in 1970 and was assigned as an aeronautical

1946 until 1962 when he returned to private industry. He returned to Federal service when he joined DMAAC in July 1956 as a plumber and steamfitter. Since 1970 he has been a pipefitter foreman.

Speer said he has a 320 acre farm at Selma, MO. where he has cattle and horses, in addition to a work shop to keep him busy. He added his wife is also retiring so they are planning on traveling with first trip to Hawaii.

CHRISTIAN R. ZUST, SDP, retires with 34 years, 9 months Federal service with almost 28½ years at DMAAC. His Federal employment began in the spring of 1942 at USC&Gs as a topographic draftsman. In December 1943 he joined the U.S. Army Air Corps as a photogrammetrist serving in Colorado, the Mediterranean and European Theaters of Operation until his discharge in 1946.

He returned to the Coast Survey where he was assigned as a cartographer until 1948. He became a researcher with ACS, the forerunner of DMAAC, working as a supervisor and later as the Research Department Quality Control engineer. In the reorganization he was assigned to the Scientific Data Department as quality control engineer.

"My plans include playing more bridge, jogging more kilometers, traveling at home and abroad, and learning to speak German fluently. If this shouldn't occupy sufficient time, I'll seek part-time employment," said Zust.