

## Smoking: Do's and Don'ts

New guidelines issued by the Department of Defense outline the control of smoking in Department of Defense occupied space.

The instruction, as established by DoD, recognizes the right of individuals, working in or visiting DoD occupied buildings, to an environment reasonably free of contaminants. It also recognized the right of individuals to smoke—provided such action does not endanger life or property, cause discomfort or annoyance to non-smokers or infringe upon the rights of others.

At the Aerospace Center steps are already being taken to implement the guidelines. Signs indicating the no-smoking areas are being made and will be placed throughout the two installations within the next few days.

Here are the areas of the Center which are affected and how they will be handled:

- In the dining hall arrangements have been made to identify smoking and non-smoking areas. Within the 2nd Street and South Annex dining facilities signs have been placed indicating areas where smoking is prohibited. The snack bar area at 2nd Street is a no-smoking area as is the enclosed vending area in Building 8900-4 at South Annex.

- No smoking in auditoriums. Receptacles are placed near the auditorium door so that visitors may dispose of cigarettes, etc., when they become aware of the smoking restriction.

- ALL elevators are designated as non-smoking areas.

- Smoking is prohibited on shuttle vehicles.

- In medical care facilities smoking shall be restricted to staff lounges, private offices and specially designated areas. Ac-

ording to the instruction, smoking is permitted in visitor waiting areas only where space and ventilation capacity permits the division into smoking and non-smoking sections.

- Smoking shall not be allowed in conference and classrooms.

- Corridors, lobbies and rest-rooms will continue to be smoking areas as persons are not in these locations for long periods of time. The 5th floor vending area of building 36 is considered as part of the corridor area.

- For the work areas the Center is currently purchasing air flow monitoring equipment which will be used to determine if the ventilation is adequate to remove smoke from a work area. Following the tests guidelines will be issued to managers on airflow within their areas so that determinations can be made concerning the need for smoking controlled areas.

- Smoking is allowed in private offices.

## Brown to DMA Position

William J. Brown, SDC, has been selected to fill a GS-15 position in the Programs, Production and Operations Directorate at the DMA headquarters in Washington, D.C.

Brown, a graduate of Kansas State University, has been with the Aerospace Center since September 1962.

# Orienteor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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## Heart Warming Results

### CFC Contributions Rocket Past Goal



Joann Becker, CFC Secretary, slides the CFC spacecraft toward its target of \$112,000 as the Center contributions continue to pour into CFC headquarters. Gretchen Hawk, (left) CFC assistant project officer, and Arthur Gore, SDRG, watch with pride. Gore is the artist who designed the CFC poster material.

The Aerospace Center's Combined Federal Campaign officially closed on October 21 and at presstime, the '77 goal of \$112,000 had just been exceeded by \$6,500, with the probability of an additional \$2,500 in pledges yet to be tallied as returns continue to come.

According to Mrs. Gretchen Hawk, Assistant CFC Project Officer, "The Center's '77 Key Worker and Solicitor Team has done a fantastic job, and the community spirited DMAAC employees have responded with record breaking generosity."



## Contract Quarters For The DMA Traveler

Last issue of the Orienteor carried a story on new changes to the Joint Travel Regulations that require civilian Department of Defense travelers to make better use of government quarters when in

been, or are being, negotiated in certain high travel areas. These quarters will be considered government quarters for the purpose of the DMA traveler, whether military or civilian.

Aerospace Center since September 1962.

He has served in the Cartography Department, Missile Support Department, Programs, Production and Operations Directorate, in the Comptroller's Office and Digital Computer Systems Administrator, and most recently in the Scientific Data Department as Chief of the Scientific Computer Division.

At the headquarters he will be a physical scientist in the Aerospace Missiles Division.



## First Student Here Under Co-op Education Program

The first college student to become part of the Aerospace Center's co-operative education program is William Wert of Indiana State University.

work for a period of time with the Center in ACC and then return to Indiana State for a period of academic study. Throughout the school year he will continue to alternate work and study.

Under the program Wert will

Wert is a senior majoring in geography with emphasis on cartography.

Contacts were made with various colleges and universities who had a co-operative education program in an effort to begin the program at this Center. Indiana State University was the first to provide an individual for hire. Hiring is done at the GS-2, 3, or 4 level depending on the number of semester quarters or hours already completed.

Following completion of the program the individual is not guaranteed a job and there is no requirement for the individual to continue to work for the Center. If they desire to continue they may depending on their previous performance and if an offer is made.



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government quarters when in TDY status. In fact, reimbursement for the quarters portion of the per diem or actual expense allowance will not be made to DoD civilian travelers TDY to installations where adequate government and/or contracted quarters are available but not utilized. Military have worked under this arrangement for several years.

Within the Defense Mapping Agency contract quarters have

## British Survey Chief Visits



Major General Francis M. Sexton, OBE, Director of Military Survey, Ministry of Defense, Great Britain, signs the guest register at the beginning of his two day visit to the Aerospace Center, October 17. The general was here for discussions on MC&G matters and a general orientation tour of the Center.

wikener military or civilian. At this time contract quarters are available in St. Louis. In the Kansas City, Mo. area and the area surrounding the District of Columbia, several hotels, motels, inns, etc. have expressed favorable interest in becoming contract quarters. By November 1st contract quarters should be available in all three locations.

The Aerospace Center travel coordinator, Mrs. Anderson, ext. 4411, is responsible for making all reservations in the DMA contract quarters. Travel coordinators located in other DMA components arrange accommodations through the DMAAC coordinator.

It should be noted that the DMAAC travel coordinator is the only employee authorized to make reservations in the contract quarters. Reservations made by anyone else will not be considered a reservation under the terms of the contract and the traveler will have to pay the bill himself at check out time.

If reservations are not available in the DMA contract quarters the traveler will be notified prior to departure from his or her duty station.

The contract quarters within the three areas are for the use of DMA travelers only and must be arranged for through the proper travel coordinators as is explained in DMA Instruction 4109.2A.

Travelers to other than the three travel areas discussed are required to make their own reservations.

# Zero Based Budgeting—

Budgetary reform has generally been the province of specialists and academicians, convened in presidential commissions, who produce lengthy reports after a long period of study and consideration. This isn't the case with respect to zero-base budgeting (ZBB). Here the initiative came from the President himself. He spelled out his objectives in a short and clear memorandum during February—after less than a month in office. His conviction is based upon practical experience with this process—not upon conversion to a theory.

ZBB also differs from past budgetary changes in terms of impact. The changes are not confined to headquarters nor to budgetary specialists and staff offices. Rather, the impact of ZBB will be felt by managers at all levels in the Executive Branch. ZBB is intended not only to affect the way budgets are developed in the Department of Defense; it is

intended also to change the way business is done.

In discussions with Secretary of Defense Harold Brown, the President has emphasized that DoD's planning-programming-budget system (PPBS) is an excellent system. It is not intended that the existing PPBS be supplanted. Rather, DoD's objective in implementing ZBB is to build upon the existing system, modifying it as necessary to provide more effective tools for Defense managers.

In implementing ZBB in DoD, there are five aspects of budgetary procedures that are especially important. These are the areas which require the greatest emphasis as DoD integrates its planning, programing and budgetary system into the zero-base approach.

## Program Review

The first of these areas involves achieving real zero-base con-

sideration of the entire DoD budget. Every activity, every line-item in the budget, must meet this test: does it have to be conducted at all?

Secretary Brown has directed that "... each activity or program must be reviewed from the ground up to determine whether it should

## Manager Involvement

A second area of emphasis, inseparable from the first and indeed at the heart of the ZBB effort, is the matter of manager involvement. This means that managers—those with the responsibility for the conduct of programs—must play a

# New Approach To An Old Problem

be continued at all and, if so, at what level. Budget requests must be justified in terms of a cost-effective contribution to national defense or in terms of an explicit statutory requirement. In no case should funds be requested simply because an activity has been conducted in the past."

It also is essential that DoD seek alternative and less-costly ways of meeting its objectives, starting from the lowest levels within the Department. What is required here is a fresh new look at Defense's time-honored ways of doing things. Each activity should be considered as if it were being proposed for the first time. If it were not already being done that way, would it be proposed to start doing it that way? If the answer is no, it is time to stop.

greater role in the budgetary process. The line managers are those best equipped to appraise the prospects for budgetary change and the consequences of various alternatives, and they bear the responsibility for carrying out the programs. This manager involvement must extend to the lowest practicable level.

Secretary Brown directed that "involvement must commence at the point where a manager makes significant decisions on the amount of spending and the scope, direction or quality of work to be performed." To put it another way, the manager most likely to have money-saving ideas is the manager who spends the money. Under this approach, the Defense budget will come to be even more of a bottom-up or grass-roots process than it has been. The budget will be a better tool for line managers at all levels, and less the province of staff specialists at headquarters.

## Operations Area

A third area of emphasis is the operations portion of the budget. The investment area of the Defense budget (procurement, research, development, test and evaluation, and construction) has essentially been on a zero base.

of budget figures. Increments above the minimum essential level will be clearly described and priced, and the manager will indicate his views on priorities (ranking) among these various increments.

Managers are encouraged to be innovative in presenting alternative ways for carrying out their programs. This approach to the budget involves a major departure from long-standing budgetary practices in Defense and in other agencies as well. Rather than presenting and defending a single figure, the manager is required to share with those up the line his views upon a range of alternatives for his activity.

## Phase Integration

The fifth area of emphasis in implementing ZBB promises to be especially significant. This is the matter of more closely integrating the planning and budget phases. In practical terms, this requires the involvement of top officials early in the cycle. President Carter devoted some 25 hours this spring to a preliminary review of the fiscal year (FY) 1979 budget with heads of the executive agencies. Secretary Brown has been devoting a great deal of his time to considering issues long before the traditional budget season. This should be a great help throughout the entire process. The plans and programs are shaped earlier in the process by the budgetary realities; the budget better conforms to the planning and programing decisions reached.

The President has outlined his major objectives. Defense's approach must be flexible, to allow for differences in organizational patterns among the Services and Defense agencies inherent in differences in missions. The locus of decision-making also differs among the various budget

## JA Stock Sales Day Termed Success

DMAAC Employees once again demonstrated their support for the agency sponsored Junior Achievement Program when stock sales day was held October 19. The response was great. Sales surpassed the targeted capitalization goal.

Sales representatives from the four JA companies participating in the program and their respective high schools were: Arthur Jordan, Beaumont; Myron Hill, CBC;

dinator, J. Edward Jones, "The Junior Achievement Advisor Team and DMAAC managers thank you for your support in providing this valuable and practical business experience for the JA participants.

You have now invested, let's make your investment grow and go. Look out for Product Sales Day coming soon."

## Goblin Watching

## Bits And Pieces

From the Black book:

With a hoot and a holler it will be Halloween and time to brace ourselves for the onslaught of

Beaumont; Myron Hill, CBC; Fredrick Robinson and Richard Squalls, Jennings; DeAndre Harris, Morris Mitchell and Delaine Young, Normandy; Areva Bell, Rosati Kain; Cassandra Green and Beverly Payne, Soldan.

According to Center JA Coor-

## Goblin Watching

### Time--Drive Carefully

## September Promotions

The following people have received promotions during the month of September: Norman B. Adams, GS-12; Louis V. Blank, WP-21; Brenda J. Brown, GS-4; Meyer Cohen, WP-21; Mary Catherine Corbett, GS-6; John W. Finklang, GS-14; Roger C. Fisher, II, GS-9; William R. Hantack, WP-21; John A. Hicks, WG-4; Aloysius J. Klasinski, WP-21; Duane A. Knudson, WP-21; Debra A. Kramper, GS-4; Jerry W. Kroupa, WP-21; Paul S. Kuliniewicz, WP-26; Robert F. Linhoff, Jr., WP-26; Gregory F. Luig, WS-4; Thelma A. Maltzman, WP-21; Robert E. McDaniel, GS-13; Samuel Newell, WG-5; Charles E. Rogers, Jr., WG-5; Smedley J. Sizemore, WP-21; Christine L. Truka, GS-5; Debra K. Ullo, GS-5; William T. Vollmer, WG-5; Marie E. White, GS-5; Merlin L. Gray, GS-11; Laura J. Holland, GS-11; Jimmy D. Kandy, GS-11; Lois C. Moore, GS-11; Jerry L. McDaniels, GS-11; Ronald A. Ottens, GS-11; Roger C. Phelps, GS-11; Donald K. Reid, GS-11; Kenneth W. Stark, GS-11; Reginald L. Stoner, GS-11; Dick K. Chin, GS-

12; William C. Davis, GS-7; Rondal Godfrey, GS-13; Dean A. Graves, GS-12; James M. Haynes, Jr. GS-12; Donald E. Henson, WG-12; Peter N. Jackson, GS-11; George N. Manders, GS-12; Teresa L. Moorman, GS-6; James D. Peroutky, GS-9; John L. Ploss, GS-12; Susan D. Resetarits, GS-5; Billy R. Rice, GS-12; Graham Rosenberger, GS-12; Lawrence W. Schwaller, Jr., GS-12; Kathleen Strickland, GS-5; Connie K. Tancock, GS-5; Robert B. Terry, GS-13; David S. Tolpen, GS-12; Paul D. Voyles, WG-4; Adolph F. Wuenscher, GS-12.

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

to themselves for the onslaught of little ghosts and goblins that come knocking at the door. The little ones are the cutest as they try their best to say the tongue tying words, "Trick or Treat." If you're out driving that night do slow down and watch carefully. The last thought on the little ones mind is watching for cars. They're thinking only of the sack of goodies and what the next house might have in store.

-O-

If you haven't walked down the first floor hallway of Building 36 in the A section you ought. Facilities Engineers have applied some other than the regular light green paint to the walls and things just look much brighter and alive. Hope they continue the plan throughout the buildings.

-O-

There are several tips of the Black hat do this issue. To all those who helped make the IWY Day and the Sundial dedication successes and a special tip to Fire Chief Leahy and Inspector Bell for their work on Fire Prevention Day. Not only did they provide us with a look at some of the latest in fire apparatus, but they promoted a lot of goodwill in hosting a luncheon for area Fire Chiefs and fire department members who assist this Center. I don't know who it was that said so, but it is certainly true, the two small words "Thank You" are among the most powerful in the vocabulary and Chief Leahy certainly expressed them well to those attending his luncheon.

dlb . .

essentially been on a zero base. Individual projects or line items are considered on such a base, and many of them are in fact zeroed out—either by the program managers themselves, or following budget review. The operations area, which comprises some 70 per cent of the Defense budget, is the prime candidate for improvement.

A fourth aspect in ZBB implementation is the matter of highlighting issues for management decision, and the presentation of clear areas of choice. Managers within the Department will no longer submit budget requests up the line in terms of a single figure. Rather, each manager will present a range

## Randolph Flight Center to Close

The Air Force's Instrument Flight Center at Randolph AFB, Tex., is to be closed in the spring of 1978.

Air Force officials said that instrument training previously conducted at the center has now been made a part of other aircrew training and instructor qualification courses.

Closing the center and having its functions taken over by existing Air Force organizations is expected to save about \$3.8 million annually.

Approximately 160 military and 40 civilian manpower spaces will be made available for other Air Force requirements. Officials said every effort is being made to place all civilian employees affected by this action into continuing positions.

among the various budget categories. Some operating funds, for example, are managed at very low organizational levels within the Services and agencies, while investment decisions are made at much higher organizational levels. Defense implementation of the ZBB concept recognizes these variations in the way it manages and permits the Service systems to accommodate it.

—Taken from Commanders Digest.

## Retirements

July - September

Banks, Reuben	FEMPB
Bennett, Howell I.	ADDP
Bosich, Joseph M.	ACANB
Burchfield, Charlie	PDDMR
Compton, Mitchel C.	ACNR
Fetsch, Vernon B.	ACNAA
Funk, Joe H.	ADF
Gibbons, William T.	CTS
Heaston, Lewis N.	CTS
Herberger, Mae S.	SDDLS
Hoffman, Edith E.	CMFS
Keaton, Harold P.	ACMB
Leonard, Edmond E.	POD
Peres, James E.	ADDP
Price, Allan E.	ACABD
Sakaguchi, George T.	ACAP
Scott, James H.	ACNAD
Tiemann, Albina E.	PDDI
Wade, Palmer G.	PDA
Ward, Clarence E.	ADDEA
Willenbrink, Paul H.	LOPO

# The Week That Was...

The week of October 10th was more than just the Columbus Day holiday for employees of the Aerospace Center. It also included the International Women's Year Day celebration, the annual fire drill and the dedication of the sundial by the Daughters of the American Revolution.

**IWY Day, Tuesday October 11,** found the paraxe ground filled with tents as professional, technical and social organizations associated with the Center displayed various exhibits on the role of women in their organization.

State Senator Harriett Woods addressed a crowd of about 300 employees during special ceremonies conducted by the Federal Women's Program Coordinator for the Center, Charlene Gill. DMA Federal Women's Program

Coordinator, Sylvia Jackson, also addressed the group and was available after the ceremony to informally meet with employees.

**Wednesday, October 12th,** was the big day in terms of the Center's annual fire prevention week. Employees evacuated the buildings during a practice fire drill as fire fighting equipment from the City of St. Louis rolled into place in a test of their support. During the drill the Fire Department also demonstrated their aerial ladder and high-lift bucket. Fire apparatus from the Collinsville, Ill., O'Fallon, Ill., Antonia, Mo. and Monsanto Fire Departments were on display.

During the noon hour DMAAC Fire Chief Joe Leahy was a luncheon host to the Chief and Deputy Chief of the St. Louis Fire Department, members of the St. Louis Fire Academy, St. Louis

Battalion Chiefs, Chiefs of the Lemay, Collinsville and O'Fallon Fire Departments and former DMAACer Lester Schnable now with the Antonia Fire Department. The St. Louis Fire Department Chaplain and the Safety Engineer from the Monsanto Queeny Plant also attended.

**Thursday, October 13,** the Center parade ground was again the site of a large gathering as members of the Cornelia Greene Chapter of the Daughters of the American Revolution dedicated the Aerospace Center sundial as a National DAR Landmark.

The dedicatory address was delivered by Stuart Symington, Jr., son of the former U.S. Senator, and a descendant of Captain Symington who commanded the St. Louis Arsenal in the early 1800's. The ceremonies, conducted by DAR Regent Gwendalynne Murphy, lasted about one hour and were covered by the local press and television.

The sundial was placed at its location in 1859 and was calibrated for exact longitude and latitude. Computations taken prior to the dedication indicated that the dial was within two minutes of accuracy. Former ACIC Historian, Richard Barnard, explained the history of the sundial to the gathering.

Following the ceremonies the members of the DAR chapter and distinguished guests joined Colonel St. Clair and members of his staff for lunch. Following lunch the chapter members were provided an historic tour of the St. Louis Arsenal complex.



Gwendalynne Murphy and Stuart Symington, Jr. discuss the historic Arsenal sundial during dedication ceremonies October 13.



The Rescue Squad from the St. Louis Fire Department was one of several types of fire fighting apparatus on display during the



State Senator Harriett Woods examines exhibits during the IWY Day celebration at the Center on October 11.

## New Topo Center Director Visits St. Louis



Army Col. John Lund, (right) who assumes command of the Topographic Center today, was a visitor to St. Louis last week. In the photo above Colonel Lund and DMAAC Director, Colonel St. Clair, go over the visit agenda. Colonel Lund is no stranger to DMA having served as the agency's first chief of staff in 1972.

## Calendar of Events

### NOVEMBER

NOV EVENT	WHERE	INFO
3 Assn. of Litho Clubs	Salad Bowl	V. Wojcicki/4713
3 Toastmaster's	Lindbergh Room	
8 FBA Lunch & Meeting	Carpenter's Hall	D. Black/4142
10 ION Meeting	Scott AFB, IL	J. Schweitzer/8494
11 Bloodmobile	S. Annex	J. Brown/4218
11 DMAAC Women's Club A-Fair to Remember	Dining Hall	Mrs. M. Carlson/ 966/5599
12 AFA	Airport Marriott Hotel	S. Popp/8409
15 ASP Meeting	Dining Hall	Maj. P. Wilder/ 4406
17 Toastmaster's	Lindbergh Room	
17 FEW Meeting	Dining Hall	J. Bebermeyer/ 4514
22 BAG Meeting	5th Flr. Conf. Rm.	L. Williams/ 4424
23 OLD NEWSBOYS DAY		
24 THANKSGIVING DAY		
29 NFFE Local 1827	Bldg. 4, S. Annex	V. Haun/4866

Contact Marge Wisneski/4142 to have your December events listed.

## Topo Center Man Here; Part of Career Program

Randall Smith, an employee of the Topographic Center, is now working at the Aerospace Center for a one year term as part of the DMA career development program.

Under the program, key employees of the five components are selected to intern a position in other components to become better acquainted with the overall DMA approach to particular subject or management areas.

Smith, who holds a Ph.D. in Geophysics from the University of Pittsburgh, is assistant chief of the Department of Geodesy and Survey at the Topographic Center.

He will be working in the Programs, Production and Operations Directorate at this Center in the Geopositional and Digital Data Division.

## ION Meet

The Institute of Navigation is having a meeting on November 10th at the Scott Air Force Base NCO Club. The speaker will be Brigadier General William E. Carson, Deputy Chief of Staff for Logistics, Military Airlift Command

Reservations are limited. For further information contact John Schweitzer, chairman, at 268-8494.

# WHAT HAPPENS TO YOUR PAYROLL DOLLAR?

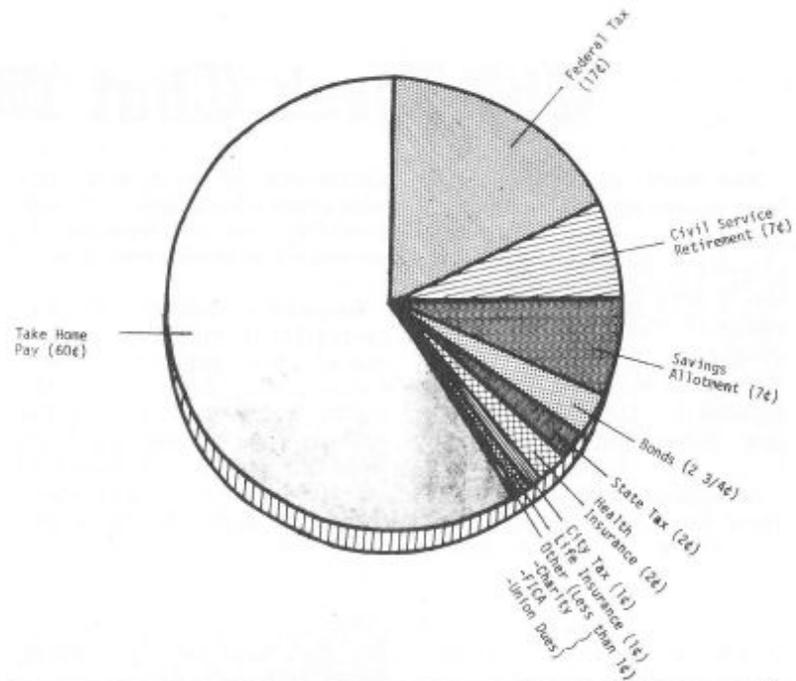
Ever wonder what happened to your civilian payroll dollar when you got the leave and earnings statement and compared the gross to the net?

Well, if you're like most employees you will be taking home about 60 cents of every dollar you earn, according to information compiled by the Comptroller's Office and published in the latest issue of the Aerospace Executive Review and Operations System.

The graph at the right gives you a good idea of how the average employee's dollar is spent. About 20 cents goes toward Federal, state and local taxes; 10 cents for savings allotments and bonds; and 7 cents for retirement. The remaining 3 cents goes for

health insurance, life insurance, charities and other items.

According to the publication, taxes have historically been the largest deduction from pay, ranging in the vicinity of 15 percent to 20 percent even in the early 1960s. Perhaps the more significant changes, recently, in other than voluntary deductions, were the city earnings tax increase from one-half to one percent in 1959 and the increase in retirement deductions from six and one-half to seven percent in 1970. There have been four incremental increases in employee retirement deductions since the early 1940s when the rate was three and one-half percent.



## AFA Dinner Tickets

Ticket prices have been announced for the Air Force Association meeting November 12th at which the Assistant Secretary of the Air Force, John Martin will speak.

According to Stuart Popp, president of the hosting Spirit of St. Louis Chapter, the price will be \$8.75 per person. Only 400 tickets are available and reservations will be taken on a first come first serve basis.

Organizations desiring to purchase reserved tables may do so at the price of \$70 per table.

Reservation may be made with Robert Brulle, 38 Chieftain Dr., Creve Coeur, Mo. 63141 or phone 872-7323.

Checks should be payable to the Spirit of St. Louis Chapter.

The dinner meeting will begin at 6:30 p.m. with cocktails; dinner at 7:30 and program at 8:30. The

## In Sympathy

ALVIN W. OBERG, a retiree, died on October 5, 1977. Services were held on Friday, October 7, with interment at Resurrection Cemetery.



He retired in August 1974 after over 17 years Federal service, all at DMAAC. He was a physical scientist assigned to the Geophysical Space Science Dept. He had retired as a teacher after 32 years prior to coming to DMAAC.

He is survived by his wife Lena and two daughters.

## Photo Lab

## Dance Tickets

The SDR Photo Lab Annual Christmas Dinner Dance, will be

## KCO Employee Marks 35 Years

Jesse N. Berry of the Kansas City Office of the Aerospace Cartography Department recently marked his 35th year of Federal service.

He started his career with the government in July 1941 as a messenger for the War Department in Washington, D.C. He later transferred to the U.S. Coast and Geodetic Survey as a draftsman.

After serving in the Army from 1942 to 1945 he worked at the U.S. Geological Survey in Rolla, Mo. and remained there until 1959. He then transferred to Kansas City to, what was then known as the Army Map Service, and has served within that and succeeding organizations since then.

The price is \$12.50 per person for a smorgasboard meal, open bar and DMAAC's own Jonny Woods and his band for entertainment.

## TDY Doesn't Stop Employees Community Involvement

Don Russell, of the Aeronautical Information Department, may have been on temporary duty in the Canal Zone but that didn't stop him from a community involvement project of helping teenagers learn more about their surroundings.

In this case the teenagers were 13 in number and were from Howard AFB in the Canal Zone. Don arranged to escort the group on a trip to the Smithsonian Institute Jungle Research Center located on Barro Colorado Island in Gatun Lake, Canal Zone.

The island is preserved in its original state and other than the trails is left virtually untouched.

Traveling by Panama Canal Railroad from Balboa Station at seven in the morning the group rode to a stop in the jungle on the edge of Gatun Lake. There they were met by a Smithsonian launch which transported them to the

through streams. "The jungle was not as hot as I expected but was very humid and very warm when in the clearings," noted Russell. "We were fortunate that it didn't rain as this area of Panama has more than two times as much rain as the Pacific side.

During the walk monkeys were observed feeding and traveling in the tree tops and tree snakes basked on the limbs. "After traveling on the jungle trails," said Russell, "I now understand why monkeys travel thru the trees (much cleaner and faster)."

One of the more interesting points noted by the group is that tropical trees do not have annual rings as do trees in the States, because of the all time growing season.

To determine how old a tree is, they put expandable bands around the trunk and keep records for a

7:30 and program at 8:30. The event, a joint meeting between the St. Louis Chapter and Scott Memorial Chapter, will be held at the Marriott Hotel, I-70 and Lambert International Airport.

Christmas Dinner Dance, will be held Saturday, December 3, at Towne Hall North, 8201 North Broadway, from 6:00 p.m. til 1:00 a.m., according to Dance Chairman, Frank Aufmuth.

Due to the limited seating arrangement, the first 300 people will experience this fun packed evening. For tickets call ext. 4181 or 4572.

which transported them to the Research Center.

The three and one-half hour tour of the island was rugged with trails often steep, muddy and slippery, and at times requiring wading

a few years of the rate of growth for each type of tree. This provides a measuring standard which can be applied to the different types of trees.

Clip and Save

## NUMBERS WORTH SAVING

The following is a list of emergency and information phone numbers that may be helpful. The listing was compiled by the Information and Referral Service of the United Way of Greater St. Louis. \* Indicates numbers that are available at all time.

*Acid Rescue	645-2900	Call for Action	421-1975	Family Planning	647-2188	Mental Health Resources & Referral (Life Crisis Services)	721-8500	Family Service Department	534-1250
Adoption Hotline (State; accepts collect calls)	1-751-2962	Cardinal Ritter Institute (aging)	652-3600	Information Hotline		Metroplex (HDC)	968-1111	Harbor Light (men)	231-8625
Adult Education Council	652-1335	*Child Abuse Counseling (Family Resource Center)	534-9350	Family Services Division (State Welfare) Information:		Missouri State Employment Service (Downtown)	231-7348	St. Charles	946-7966
Aging, Area Agencies on (AAA):		*Child Abuse Hotline (State; toll-free)	1-800-392-3738	St. Louis	531-9500	*Mothers' Hotline (Association of Family Women)	863-1090	Secret Witness (Women's Crusade Against Crime)	231-0425
City: Mayor's Office for Senior Citizens	621-5600	Child Day Care Association	241-3161	St. Louis County	991-4260	*Narcotics Service Council NASCO West	241-0050	Sex Helpline (Center for Human Concern)	361-7590
The four counties: Mid-East AAA	889-3050	Children's Mental Health Information Service	644-3030	Hotline	421-3027	*New Life Evangelistic Center	647-5444	Sixty— Helpline (Mid-East AAA)	889-3050
Aging Information & Direction Service (United Way AIDS)	436-6565	Christian Ministries	241-0679	Federal Information Center	425-4106	*Nurses' Central Directory	421-3020	Social Health Program (Life Crisis Services)	721-4310
*Aid to Victims of Crime	531-2597	*Citizen Info/Research Center (League of Women Voters)	361-3131	*Fire (City) Emergency Prevention:	534-2244	Older Adults Transportation Services (OATS)	997-7031	Social Security	968-6400
*Al-Anon & Alateen Groups	645-1572	Consumer Credit Counseling Service	421-3190	Food Crisis Network	453-4194	Planned Parenthood Association	822-2123	Society of St. Vincent de Paul	371-4980
*Alcoholics Anonymous	647-3677	Consumer Fraud Hotline (State; toll-free)	1-800-392-8222	Garden "Answer Man" (Shaw's Garden)	658-2077	*Poison Control: Cardinal Children's	781-3800	*Suicide Prevention (Life Crisis Services)	868-6300
Alcoholism Information Center	721-7225	*Consumer Message (US Food & Drug Administration)	425-5000	Gateway Centers: City	772-4737	Post Office Information	772-5200	Sunshine Mission (men)	231-8209
*Ambulance, City	231-6800	*Contact-St. Louis	725-3022	St. Louis County	241-7500	Pregnancy—Unwanted: *Birth-right Counseling	444-5555	Tel-Med (Plays on request 1-5 min tapes on health/medical topics; tape list available from agencies, physicians, libraries, etc.)	531-5050
*American Red Cross, St. Louis Bistate Chapter	658-2000	*Detoxification Center (St. Louis State Hospital)	644-8149	Health Department City	453-4556	Reproductive Health Services (counseling/medical clinic)	425-5311	Time & Temperature	321-2522
Arts & Education Council	531-6450	*Divorce Counseling Hotline	721-4549	Health Department County (DOCHMC)	726-1100	Public Library	962-5300	Tourist Information Missouri	869-7100
*Arts Line	531-1111	*Entertainment Hotline ("Fun Phone")	421-2100	Health/Medical Information (taped)	See Tel-Med	After hours reference*	367-0300	Travel Hotline (Public Library)	241-2288
*Better Business Bureau Grievances	241-9676	Environment, Coalition for the	727-0600	Health/Medical Information & Referral (Medical Societies)	371-5225	St. Louis County	241-2277	Travelers Aid	Ext. 301
Birth Control Information Center	647-2188			*Highway Patrol	434-5500	Reproductive Health Services	994-3300	United Methodist Metro Ministry	241-5820
Birthright Counseling	962-5300			*Hospitals, Public: City	231-3700	Runaway/Troubled Youth National Hotline	367-0300	Urban League	862-8081
Board of Education (City) Hotline	621-7970			County	727-6300			United Way	421-0700
Bureau for Men Bus (Bi-State Transit) Information	621-2564 773-1120			Human Development Corporation	241-7500			Urban League	371-0400
				*Humane Society Auxiliary Lost Pet Information	961-4455			VD Hotline	361-7575
				Information & Referral (United Way)	421-0700			*Visiting Nurse Association Voluntary Action Center (United Way)	533-9680 421-0700
				Lead Hotline	241-0085			*Weather Forecast Welfare Division, State— See Family Services	936-1212
				Legal Aid Society	533-3000			Women's Self Help Center	531-2003
				Legislative (State) Hotline (Public Library)	241-2288 ext. 278			*Youth Emergency Service (YES)	727-6294
				Life Crisis Services	721-4310			*Youth In Need (St. Charles)	724-7171
				Mental Health Association	781-9070				