

Frosch to leave NASA in January

NASA Administrator Dr. Robert A. Frosch recently informed President Carter that he plans to resign his post January 20, 1981.

Frosch, only the fifth man to head this nation's space agency, will be joining the American Association of Engineering Societies (AAES) as its president. AAES was created in January 1980 and is a federation of the major engineering societies in the United States.

The association covers 39 professional societies, representing more than one million engineers. It includes such organizations as the National Society of Professional Engineers, the American Society of Civil Engineers, the American Society of Mechanical Engineers, The American Institute of Chemical Engineers, the Institute of Electronics Engineers, and the American Institute of Mining, Metallurgical, and Petroleum Engineers.

Dr. Frosch was nominated by the President to become Administrator of NASA on May 23, 1977, and took his oath of office on June 21, 1977. Previously, he had been Associate Director for Applied Oceanography at Woods Hole Oceanographic Institution from 1975 until mid-1977. In a letter to his colleagues, Dr. Frosch stated:

"Working in NASA has been a rewarding experience, both because of the nature of the work, and because of the wonderful, competent people doing it. I deeply appreciate the marvelous cooperation and support I have received from all of you during my tenure. I am confident that our programs will be successful and that NASA will have an opportunity for even greater service to the country and the world than before."

Goddard/Industry Conference held October 16, 17

Goddard hosted a joint conference with industry October 16 and 17 to address problem areas in business relationships and to improve cooperative efforts in general.

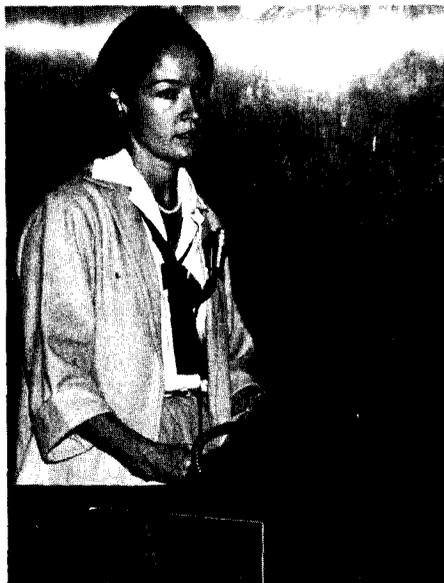
William A. Mecca, Jr., newly appointed Assistant Director for Special Projects, moderated the conference to which industry contacts were invited in two groups. Industries attending the October 16 session were primarily hardware manufacturers while participants on October 17 were support services companies. In all, representatives from over 40 companies attended.

Mecca emphasized the importance of the conference in opening remarks, saying "The United States space program is based on a very close and long-term association of government and industry. This teamwork of private industry and of our national laboratories has produced the satellites for our scientific missions; the hardware for our voyages to the moon and to

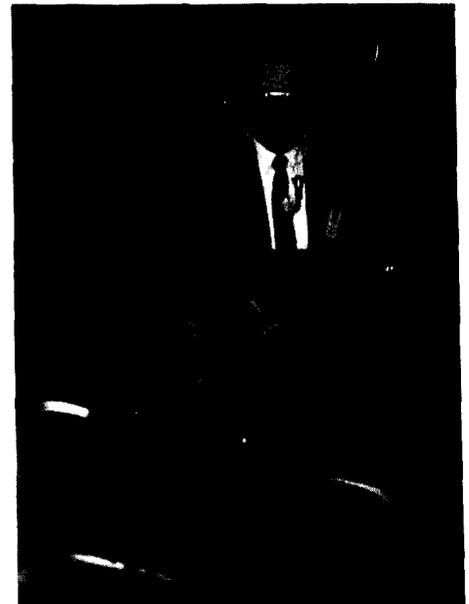
other distant planets; and the spacecraft serving environmental observations and communications which now, in routine fashion, produce rich dividends of our nation's investment in space research."

Deputy Director Dr. John H. McElroy, who welcomed the industry representatives to Goddard, reiterated the importance of a NASA-Industry alliance, saying "The NASA-Industry team has long been an important national and international asset. This cooperation has produced the solid foundation to which we are now adding a new generation of programs that will build upon our earlier investments.

The conference included three topic sessions: Request For Proposal (RFP) and Evaluation, Contract Administration, and Award Fee Process, in which both GSFC and Industry personnel gave separate presentations. Afterwards, there were panel discussions followed by question and answer periods.



Lynn Marra, conference coordinator, introduces first speaker as Joint Conference with Industry gets underway.



Deputy Director Dr. John E. McElroy welcomes industry representatives to Goddard.

Mission and Data Operations Directorate has successful Computer Training Center

The Mission and Data Operations Directorate (M&DOD) Computer Training Center in code 500, headed by Walter Flournoy, began as a program that offered merely a couple of refresher courses. It is now the focal point of computer training at the Goddard Space Flight Center.

Under Flournoy, who started the center in 1974, the facility now has 56 data processing related courses including lessons for computer operators and systems analysts in fields ranging from finance to space-flight tracking.

M&DOD works in conjunction with GSFC's personnel training center and has served approximately 3,000 students, employees, and contractors since its inception. Contractors are allowed to take 13 of the over 50 available courses in order to insure high proficiency in their work. In addition, six government agencies and the Weather Bureau have had employees take lessons through M&DOD. Many of the summer interns and co-ops in data processing are sent to the center. Currently, 17 people receive training in the center daily.

The center is unique in that it allows participants to learn the material at their own pace. This is invaluable to the student since most other training facilities cannot afford to do likewise. Furthermore, the independent use of television monitors and video tapes has proved to be extremely effective.

Participants who have received training in M&DOD are better able to cope with advanced training elsewhere. Some even boast of being able to lead the class in difficult problems and act as tutors to some of the slower students.

"I started with a very small

room and about two courses," Flournoy said. As requests for training grew around Goddard "the present center had to be designed from the ground up, installing cabinets, ordering TV monitors and video tapes, and checking various other places to incorporate new and effective ideas."

The need for the center came as a result of "technology lag" on the part of new employees and recent college graduates working in the constantly advancing field of data processing. Initially, the center was equipped with only one TV monitor and one cassette player which were borrowed from vendors as a pilot program. Eventually, after presentations from companies specializing in educational audiovisual facilities, and the subsequent success and effectiveness of the program, more money was allotted to enhance the center. Now there are three TV monitors and cassette players along with several hundred manuals.

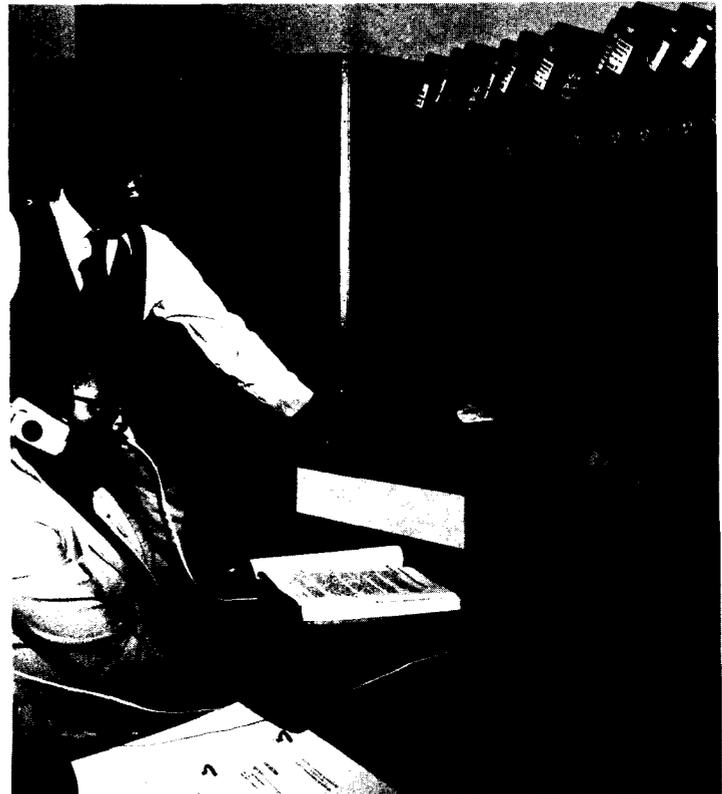
The center, converted from a conference room, is not large but does serve the purpose for now. There are many people requesting training, and frequently, Flournoy must have them wait.

When people are finally admitted, they are surprised to find that such qualitative training exists and that the center has been operating for six years. Many say they learned of the center by sheer accident. But regardless of how people hear about the center, it is essential to the workers in data processing, and M&DOD training ensures high competency.

For the completion of each course, a certificate is awarded and added to the individual's personnel file. This may better

the chances of being considered first for future promotions, regardless of the particular area.

The Goddard Space Flight Center is one of the world's largest users of computers. Massive numbers of digital bits of information flow back from space to our computers every day. GSFC's computers are used to calculate orbits, determine success of launches, construct images and other information from spacecraft and have supported every mission in NASA history.



Walter Flournoy oversees students in Mission and Data Operations Directorate's Computer Training Center.

New Employees

Soltes, Robert J., Presidential Intern (Code 200), 08-30-80
 Dinkle, Glenwood M., Supply Clerk (Code 751.1), 09-02-80
 Reed, Kenneth, Electronics Engineer (Code 724.1), 09-02-80
 Helmond, Norman C., Physicist (Code 313.1), 09-02-80

Butler, Dixon M., Astrophysicist (Code 964), 09-01-80 Return to Duty.

Chilakamarri, Debra, Clerk-Typist (Code 253.1), 08-25-80 Return to Duty.

Jones, Robert L., Electronics Engineer (Code 727.2), 10-08-80

Roberts, Lynne S., Supv. Program Analyst (Code 220.1), 10-08-80

Cortes, Rosa, Secretary (Code 405), 10-19-80

People

Basketball league completes 18th season

In March, the Goddard Basketball League successfully completed its eighteenth season. The League, which is made up of over one hundred twenty Goddard employees, is divided into two divisions according to the strength of the teams. The teams play a sixteen game schedule at local school gymnasiums.

The "A" Division was won for the second consecutive year by the Green Monsters, the tenth League Championship for the team coached by Jim Stephens. The Monsters, who have one starter who was out of high school before three of the other front line players were born, have four members over forty, and a team average of thirty-four years of age.

The Green Monsters are the only team which has existed for the entire eighteen years of the League. During this span they have won 244 games while losing 31, including seven undefeated seasons and an unbeaten string of 85 straight games covering the first six years of the League.

The "B" Division was won by a new entry, Salt & Pepper, coached by Troy Joslin. Salt & Pepper also won the post season tournament by upsetting the two top rated "A" Division teams.

GODDARD BASKETBALL LEAGUE, 1979-1980 Final Standings

"A" LEAGUE	WON	LOST	PCT.
1. Green Monsters	14	2	.875
2. Scorpions	13	3	.812
3. Roadrunners	12	4	.750
4. Astros	11	5	.688
5. Ringers	7	9	.438
6. Rowdies	6	10	.375
"B" LEAGUE			
1. Salt & Pepper	13	3	.812
2. Cosmic Rays	7	9	.438
3. Vulgarians	5	11	.312
4. Aeros	3	13	.188
5. Cake	3	13	.188
6. Bombers	2	14	.125

Key Appointments

Engineering

Effective October 5, 1980, Mr. Michael J. Coyle is appointed Head, Shuttle Payloads Design Section, Thermal Systems Branch, Systems Division (Code 732.3, 344-5792). Mr. Coyle replaces Mr. Robert E. Kidwell who retired in August 1980.

Mission & Data Operations

Effective November 2, 1980, the Trajectory Determination & Control Section (Code 581.1) of the Mission Support & Analysis Branch, Mission Support Computing & Analysis Division, is abolished and its function and employees transferred to the Mission Design Section (Code 581.3). Mr. James L. Cooley continues as Head of the reorganized Mission Design Section.



Bendix Field Engineering Corporation, Columbia, Md., has contributed \$1,100 on behalf of its employees to the Combined Federal Campaign (CFC) at Goddard. Lawrence A. Jochen (from left), Bendix vice president and program director for the Spaceflight Tracking and Data Network, presents the check to Roberta Valonis, Networks Directorate CFC representative, and Richard S. Sade, director of networks, who accept the check on behalf of Goddard.

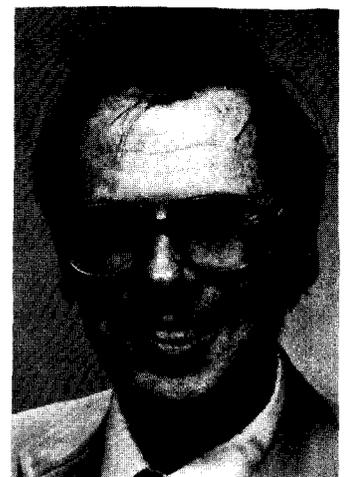
Dr. Mutch dies on mountain climbing expedition

Dr. Thomas A. (Tim) Mutch, NASA Associate Administrator for Space Science, died Oct. 6 while leading an American expedition climbing in the Himalayan mountains of Kashmir. Exact details concerning Mutch's death are sketchy, but he apparently died while descending Mount Nun, located in a remote area about 370 miles north of New Delhi, India.

Mutch and six American companions, with an Indian liaison officer, had scaled the 23,000-foot peak Oct. 5. While descending, Mutch is reported to have fallen about 100 feet, suffering severe head wounds. Two companions stayed with him overnight on the sheer face of the mountain, then left him on a ledge that they chipped from the ice while they went down to a base camp for help. When they returned to the ledge, Mutch's

body was gone, apparently swept away by strong winds.

Before joining NASA in July, 1979, Mutch was a member of the Geological Sciences Department at Brown University, chairing the department from 1968 to 1971. He also chaired several NASA committees planning the post-Viking exploration of Mars.



Dr. Thomas A. Mutch

Personnel Division conducts Recruiting Seminar

The Personnel Division conducted a Recruiting Seminar for Goddard recruiters on September 29. The seminar officially launched the Center's FY-81 College Recruiting Program. This year, Center recruiters will be visiting 38 colleges and universities in a most important effort to bring 1981 graduates into the Center workforce.

The Center's Recruiting Officer, Mr. Charles Martino, coordinated the seminar. Mr. Martino outlined the scope of this year's program and projected Center skill needs. Mr. Waddell Longus, Chief of the



Alan Hoffman lectures to a group of Goddard recruiters during personnel divisions Recruitment Seminar.

Personnel Division, addressed the recruiters emphasizing the importance of the recruiting function and the difficulties that the recruiters will encounter in today's competitive job market. Two guest speakers also provided the recruiters with additional insights in effective recruiting. Mr. Alan Hoffman, Head of the Recruitment Programs Branch of the Naval Civilian Personnel Command, presented "Strategies for Today's Recruiters". Ms. Susan Larson, of the University of Maryland's College Placement Office, explained the uses and functions of college placement offices.

Goddard Leadership Education Series (GLES) conducts program

The recently established Goddard Leadership Education Series (GLES) was conducted at NASA's Management Education Center, Wallops, Va. Twenty-four participants attended the 6-day residential program at Wallops, September 28 through October 4, 1980.

The program contained interpersonal skill training in the areas of communication techniques in one-on-one and group situations, presentation strategies, and motivation/time management techniques. Also provided was a presentation by a Goddard alumni, Dr. Michael Vaccaro,

who discussed the "Ten Commandments" of how to succeed in management. The program provided the participants an opportunity to:

- interact with each level of their management to establish learning goals, as well as attend briefings to indicate knowledge gained from the program;
- meet and candidly interact with the Director, Deputy Director, and each Director of;
- work Center issues of their choosing and present recommendations for resolutions to the Director at the conclusion of the program (This effort was so well received by Mr. Young that the participants were asked to make their presentations again to all Directors of which may result in further considerations of the recommendations);
- assess if their learning needs were met and determine action plans to implement knowledge gained upon returning from the program; and
- observe Goddard's top managers in a panel forum discussing a major Center topic (for GLES I, it was Project Management).

Overall, the feedback from participants, their supervisors and subordinates all indicate GLES-I was a success. Some responses by participants to the question of what was the most valuable part of GLES to them included: "exposure to many tools of the trade available to managers was very valuable" . . . "the chance to meet, work with, and exchange ideas with other managers at my level and with Center upper management" . . . "excellent training in leadership, management, personal motivation and communications, in a trouble free environment" . . . "candidness of Directors of, Dr. McElroy, and Mr. Young which afforded in-depth understanding of Center problems and directions."

Plans are already underway by Martha Harding, GLES Coordinator, and Dillard Menchan, Head of the Employee Development Branch, for GLES II to be held the last week of April 1981. Announcement for GLES II and selection of participants will occur in January 1981.

GODDARD NEWS

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