

SYSTEM DEVELOPMENT DIVISION

'56

EXCERPTS FROM **the**



news

1956

January 1956

SDD Ground Breaking

Ground-breaking ceremonies on January 18 marked the beginning of construction for the new System Development Division Building at 2500 Colorado Blvd., Santa Monica, California. The building, a model of which was pictured in the January 15 *Los Angeles Times*, is being built by John Stahl for long-term lease to RAND. It will have more than 100,000 sq ft of floor area, four enclosed patios similar to those in RAND's Main Building, and parking space for more than 500 cars.

The building will be devoted entirely to the System Development Division, now comprising about 400 technical people and expected to more than double in size during the next year. SDD, under separate contract with the Air Defense Command, will carry out three types of activities: (1) preparing programs for the electronic computers, which are the heart of the new SAGE air defense system; (2) developing methods for training crews of the SAGE system; and (3) assisting in training the crews for SAGE, as well as continuing the current training program for the manually operated control and warning system that makes up our present air defense system.

The ground-breaking ceremonies were opened by Frank Collbohm, who recalled briefly how SDD grew out of the original System Research Laboratory experiments of John Kennedy some 2 years ago. Collbohm then introduced Gen. James Andrews of the 27th Air Division, the first Division of the Air Defense Command to use the RAND System Training Program. After a brief talk by General Andrews, Collbohm handed a mysterious package containing a double-headed shovel to SDD Co-chiefs Bill Biel and M. O. Kappler, and suggested that they start digging. But first, of course, General Andrews had to step in and saw the shovel in two.

★ ★ ★

Credit Union

RAND's new Credit Union is growing steadily. It now has 450 members and nearly \$40,000 worth of shares outstanding. Loan applications are reviewed twice a week by the Credit Committee and, to date, about 100 loans have been made.

We expected the Credit Union to begin making auto loans at about this time, but the demand for small signature loans has remained so strong that the Board of Directors has decided to postpone making such loans for another month or two.

CIRCULATION: RAND PERSONNEL ONLY

Perspective on the STP Program . . .

The Air Defense Command instituted the System Training Program on the basis of the increased-performance effectiveness demonstrated by the crews in the SRL experimental runs. Training methods and techniques currently used by STP are based primarily on principles derived from these experiments.

These training principles have their origin in basic psychological theory. It has been the task of STP to develop training procedures, based on these principles, that are applicable to a field system training program and to fit these methods to the kind of system being trained.

The system being trained by the System Training Program is an Air Defense Division. It is a man-machine system having as its mission, or task, the defense of its assigned area of responsibility. Its primary function is to process information about an air situation quickly and accurately so that appropriate tactical action may be taken.

The training principles that guide the System Training Program provide a framework for understanding the operation of the program and the training techniques that it employs. A brief statement of these principles will aid this understanding.

1. Controlled training exercises are designed to fit the current requirements of the system being trained.

The System Training Program provides completely controlled training exercises designed to give a wide range of experience with air situa-

tions and to stress the operational functions necessary to deal with these situations adequately. These training problems enable ACW crews to increase their operational effectiveness by providing them with opportunities to practice defensive tactics in situations closely approximating real emergency conditions. The STP method of training does not teach a particular method of solving air defense problems. It provides the opportunity for the system being trained to learn how to cope with its problems by actually dealing with them.

2. An appropriate-sized problem-solving group is trained as a team.

The unit system that is trained in the System Training Program is the Air Defense Division—a team small enough to be manageable from a training point of view but large enough to have a reasonable degree of independence in decision-making. Thus, the team members can learn together increasingly effective ways of dealing with their task.

3. System flexibility must be developed.

An essential characteristic of the ACW mission is that the system must be capable of handling emergency situations that cannot be precisely specified in advance. The System Training Program trains the system to evaluate a novel situation quickly and accurately, to choose the most efficient procedure for dealing with it, and to carry out this procedure quickly and with least cost. Flexibility can be developed by providing practice in operational skills and also

in group problem-solving skills.

4. Critical aspects of the field operational situation are simulated during training.

To obtain maximum transfer from the training situation to the operational situation, it is necessary to simulate to a high degree the critical aspects of the operational situation. This means that training problems must be similar to actual operational situations so that crews may use the system skills they have learned.

5. The system goal must be maintained as the primary motive, and all behavior must be re-enforced in terms of this goal.

Adequate motivation is a prerequisite to learning. To achieve maximum improvement in performance, all members of a system must work toward the same goal—defense of systems area of responsibility. Individuals or subgroups within the system may develop subgoals of their own. Some of these may be inconsistent with the system goal. To obtain a maximally effective system performance, these subgoals must be adjusted so that they contribute to the main-system goal.

6. Knowledge of results is a necessary condition to the improvement of performance.

Immediately after each training exercise, the system being trained receives a factual, objective, and meaningful report concerning the air situation with which it was faced and the success with which it dealt with this situation. This information is provided to all members of the system and is used as a basis for discussion and for suggestions by which performance may be improved.

Progress of STP

Installation of the Manual System Training Program has been completed in all Air Defense Divisions of the Joint Western Air Defense Force. The 27th, 28th, 25th, and 9th are all running STP exercises successfully, the difficulties arising at home and in the field being only slightly more than the number expected. As of the 29th of February, each of the JWADF Air Defense Divisions had participated in a minimum of thirty-five STP exercises, and one of these divisions, running both standard and experimental exercises, completed almost two hundred STP exercises.

The work of installing the program in the 29th Air Division (first division to be installed in JWADF) is nearly complete—sleet and snow have not stayed our couriers from swift completion of their appointed STP rounds. Work on the east coast is presently underway, with some of our people already in the New York area for the 26th Air Division.

The Indoctrination Direction Cen-

ter at the Armacost building has been running full time since Monday, March 12, acquainting 32nd Division personnel with the inner workings of STP. Approximately three Air Force personnel from the 32nd AD Headquarters and from each site in the 32nd AD make up the Air Force team. A similar team from the 26th Air Division was STP-indoctrinated a few weeks ago. Permanent SDD representatives to these divisions are as follows:

26th AD: D. S. Werner and
M. E. Eckstein

32nd AD: J. L. Maatsch

The next scheduled IDC activity will take place late this summer for the indoctrination of AF personnel from the 30th Air Division.

Additional installations are not scheduled until next fall, but a tremendous amount of SDD work has to precede each installation. All four SDD Departments are contributing heavily, the major effort now being devoted to having complete flight libraries ready for the nine remaining divisions.

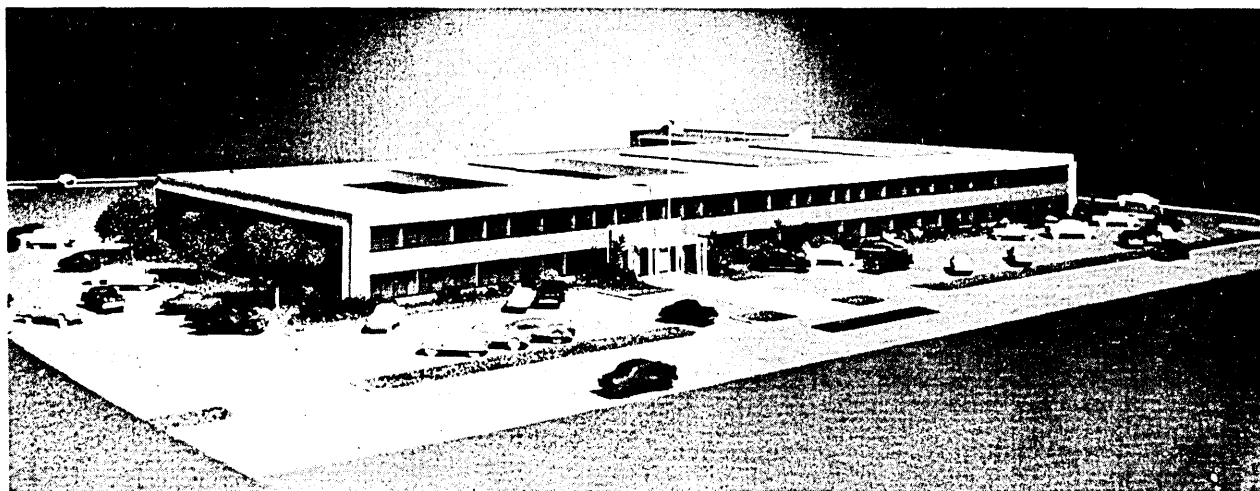
The New Building

(For a pictorial charting of progress, see the bulletin board in the Sixth Street building.)

Some vital statistics are

1. The building will cover a ground area of 58,300 square feet.
2. There will be two floors and a basement area having a total floor space of 110,000 square feet.
3. There will be 427 rooms.
4. Construction above ground will be set-up, prestressed concrete.
5. Employee facilities in and around the building will include: a snack bar, commons room, four patios, dispensary, ample parking space, and spacious working areas.
6. The interior color scheme has not yet been decided; suggestions (short of polka dots and stripes) are being accepted.

Present status: A large hole has been dug. Rumor has it that this is for the foundation and basement, but people in the know say that it will be used to burn classified waste.



Profiles . . .

Frank Collbohm has been with RAND since it was an idea; Richard Goldstein joined a few months later to help form the organization. (Larry Henderson, Associate Director in our Washington office, who was also in on the organization, will be featured next month in RN.) They work closely together in the administration of RAND: both are members of the Board of Trustees, and the Executive Committee of that Board. They have their offices at 1700 Main Street and both participate in the weekly meetings of the Management Committee (includes Chiefs of RAND Divisions), and in the semi-annual meetings of the RAND Board of Trustees and Military Advisory Group.

Frank's attention focuses on the over-all technical program, with companion interest in broad administrative activities. He spends part of his time reading RAND's paper output (he reads all of it), and in helping to keep a balanced research program



Frank Collbohm

—a program that will support the Corporation's aims and that will also provide the most effective use of our work by the Air Force and other agencies. This means direct contact with government people at both technical and policy levels. RAND Recommendations to the Air Staff—policy-level "action" letters that suggest that the Air Force take certain specific steps shown to be advisable on the basis of RAND study—go out over his signature.

Goldy concentrates on administration problems, which involve technical fields indirectly and of which there is no shortage. Just so he won't run out of worries, he presides over a committee of Division Administrative Assistants, and also over the Corporate Management Committee. The latter includes Glad Putt (Assistant for Management), Scott King (Corporation Treasurer), Steve Jeffries (Corporation Secretary), Jim DeHaven (Assistant for Research), with Will Eisner as secretary. Arranging programs for the Trustees and Military Advisory Group meetings is one of many jobs on Goldy's desk.

Frank has been associated with Air Force activities for more than twenty-five years. After attending the University of Wisconsin, he went to Douglas Aircraft and became Assistant to the Vice President for Engineering. During his association with Douglas he was also Consultant to Secretary of War (for Air) Patterson. It was during this work in the closing days of World War II, with General Arnold and others, that he began to promote the concept of an independent organization where the talents of science, industry, and the

military could be brought together in support of national security. When this concept became the reality of Air Force Project RAND in 1946, he was assigned the job of running it. When The RAND Corporation was formed in 1948, he became Director.

Away from work Frank is kept busy helping his wife Kitty raise two sons. Whatever time is left over goes to "Vamonos," the family motor yacht. In fact it's the boat that's responsible for his appearance—not only the ruddy complexion but the crew cut, a barber's mistake during a yachting trip to Catalina.

Goldy came from the University of Rochester and Caltech (aeronautical engineering) before he went to Douglas, where he became chief of the Research Laboratories, and then joined RAND.

Outside RAND it's the camera for Goldy, and his favorite subjects are portraits of men and children (including his own four). According to lore, women refuse to come under the sharp focus of his merciless lens.



J. R. Goldstein

March 1956

Jobs Unlimited

The sudden growth and expansion of the System Development Division has created openings for many varied and interesting positions. In addition to its system training program for the Manual Air Defense Network system, SDD will take over two new activities that will require an organization of more than 1200 people. These activities are (1) system training of crews for SAGE, the next generation Air Defense Network; (2) programming for SAGE, which involves writing machine instructions for the computers. We have openings for:

Psychologists—35 or more

Qualifications: Ph.D., with a background in the experimental, social, educational, and measurement fields.

Technical Assistants—25 or more

Qualifications: B.A. or M.A. in geography, psychology, sociology, engineering, or physics. Courses and applied experience in mathematics, statistics, and aviation are desirable.

Programmers—70

Qualifications: B.A. in mathematics, statistics, or engineering. Training in mathematics, logic, methods analysis, or any combination thereof.

Mathematicians—3

Qualifications: Ph.D., or M.A. in applied mathematics.

Clerical

Stenographers

Tabulating Operators—14—Jr. "B" operators

Key Punch Operators—3

Typists—Technical typing experience if possible

Clerks—Some college; map or coding background helpful.

Do you know someone?

April 1956

The "Training Specialist"

[During the past several months the words "Training Specialist" have become an integral part of the RAND/SDD vocabulary. But what do they mean?]

The title "Training Specialist" is given to those social scientists of SDD who in one way or another devote their energies to the conduct and continued development of the ADC System Training Program for the manual and SAGE systems.

Training Specialists come from a number of different areas of experience. There are the experimental psychologists whose training has emphasized the control of experimental conditions in the study of behavior. There are clinical psychologists who bring an awareness of the need for system "diagnosis," i.e., the need to distinguish between symptomatic behavior and causal factors in the slowly evolving group learning.

Social psychologists bring the skills they have achieved in the study of small groups and apply these skills in the development of more effective leadership for group problem-solving by the ADC crews. Sociologists, with their abilities to assess the norms or standards by which a group operates, help to develop a clearer picture of how crews are changing in response to training. The metrically oriented psychologists contribute their skills in the use of numbers to achieve training goals as, for example, in the design of air-situation problems. Educational psychologists make their contribution through their skill in organizing materials to hasten the

learning process. The industrial psychologist comes with a valuable background of know-how achieved through repeated experiences in dealing with problems in industry.

Each Training Specialist must become familiar with the five crucial aspects of system training as we know it today: the defining of the system to be trained, the positive control over the stimulus input to the system, the observation and recording of critical system behaviors, the objective presentation of the recorded behaviors to the crew (without moralization or didactics), and the postexercise discussion activity. The Training Specialist who is stationed in the field is in constant interaction with the military and the Santa Monica group.

In brief the Training Specialist is a man who brings his own specialized background to the complicated system training program and makes his contributions accordingly. With few exceptions, Training Specialists have Ph.D.'s and several years of professional experience.

March 1956

SDD Move

In the latest shift of the System Development Division, Administration and the Air Information and Training Departments moved to 1333 Sixth Street, Santa Monica. The Problem Production and Programming Departments and Engineering remain at the Armacost Building. Orientation and Indoctrination continues to be at 1515 Fourth Street, site of the original experiments that led to SDD. Certain elements, including uncleared people, remain at 1505 Fourth Street.

April 1956

STP for SDD

Can experience gained in applying the system training program to Air Defense Training problems be used in connection with training our own System Development Division? Hmmm—?

There is a new hum of activity down at 1515 West 4th Street these days. Bob Boguslaw—an old SDD stalwart—and Jess Tarwater—recently arrived from the faculty of UCLA—have established a Staff Training Program for SDD in a feverish attempt to meet the urgent, complex training needs of the rapidly expanding System Development Division. This team finds out what kind of training is needed by members of the Division, makes arrangements to provide this training, and then checks to see how effective the training has been in meeting the Division's needs.

During the last six months, six specific courses have been planned and put into operation. These are Basic Administrative Policies and Procedures—the original training course for indoctrinating new SDD personnel; Basic Air Defense—an introduction to the operations and organization of USAF and the Air Defense Command, and the role of RAND-STP in Air Defense; Life Cycle of an STP Problem—examining the process by which an STP Problem is created and put into use at AC&W sites; STP Operations—Basic Programming—covering operations of the Programming Department, the formulation of programs, logic of the computer, and how these activities contribute to the System Training Program; STP Problem Design—a course designed for cleared staff members, such as Training Specialists and Problem Designers, to clarify the relationship between the design of STP Problems, field training, and field feedback; ADC Radar and Simulated Radar Equipment—an introduction to radar principles, equipment, maintenance, and STP-related information.

Since January 1, 1956, as many as 187 SDD personnel have completed classes at the Staff Training Center on 4th Street.

Several other courses are planned for the next few months. The course titles: STP Operations—Air Information; SAGE; Training Policy and Training Techniques; Conference Leadership; Supervisory Training; Technical Report Writing and Oral Presentation; Role of the Training Specialist; Correspondence and Office Procedure. A considerable amount of work remains to be done on this new series of courses.

Instructors for the Staff Training Program courses are drawn from the SDD Staff, which includes mathematicians, psychologists, sociologists, and other profes-

sional people with pedagogical experience.

A Staff Training Council made up of departmental representatives from Training, Air Information, Problem Production, Programming, and SDD Administration meets regularly to advise and provide guides for the

September 1956

Partridge Sees SDD

The Commander of the U.S. Continental Air Defense Command, accompanied by some of his staff, visited SDD on August 7. Briefings and discussions during his visit were centered mainly on the System Training Program for manual air defense, the System Training Program for SAGE air defense, and SDD's part in the SAGE computer programming effort. Discussions in each area covered: what it is, what has been done to date, and what future plans are.

The visit came just one day after Santa Monica's *Evening Outlook* carried an article about the new \$13,191,987 contract supporting SDD activities for FY '57. The article mentioned the areas in which SDD is working, the size of the present and projected staff, and the new building that is going up on Colorado Avenue.

SDD Reorganization

The System Development Division has been growing rapidly to meet its commitments. In order to streamline certain of the Division's data-gathering and planning functions, the activities previously carried on by the Air Information Department have been assigned to other appropriate departments. Personnel who have been carrying out these activities are being assigned to the other departments and in general will carry out the same functions. Reassignment of personnel will be completed within the next several weeks.

October 1956

RAND Contract

General E. W. Rawlings, Commander of the Air Materiel Command, has announced that a contract has been given to Project RAND for \$10,460,000 for the continuation of the program during the coming fiscal year. The RAND Corporation now has more than 1500 people, nearly 650 of whom are working under the Project RAND contract. For the System Development Division, which has some 550 people in Santa Monica, and more than 300 in other parts of the country, the Corporation recently received a contract for \$13,191,987. This sum is for work on projects for the Air Defense Command of the Air Force.

Profile . . .

Dr. Launor F. Carter joined RAND in July, 1955, and is head of the Training Department of the System Development Division. He has been planning for, installing, and maintaining the Systems Training Program in Manual Air Defense Direction Centers and in SAGE Subsectors. His educational background includes: a B.S. and an M.S. from the University of Washington in 1936 and 1939, respectively, and a Ph.D. from Princeton University in 1941.



Carter

From July, 1941, to June, 1942, he was employed at The Adjutant General's Office, in Washington, D.C., working on the development of testing and classification systems. In June, 1942, he was commissioned in the U.S. Air Force and became Director of the Psychological Research Project (Navigator) to do research on the selection and training of navigators. Early in 1946 he left the Air Force to become a research psychologist at the Aeromedical Laboratory, Wright Field, Dayton. Later he was an Associate Professor of Psychology at the University of Rochester.

In February, 1952, he was appointed Director of Research, Human Research Unit No. 2, Continental Army Command, Fort Ord, Calif. (The research was oriented around Army problems in leadership and group effectiveness.)

Dr. Carter's professional affiliations include: Fellow of American Psychological Association and Amer-

ican Association for the Advance-

Musical Chairs


Several changes are being made in RAND's administrative setup to adjust to our increasingly complex and dispersed operations. The changes will make our Personnel Office less of a catch-all by redistributing some of its present functions.

Ken Wells, Plant Engineer, will move to the System Development Division to take charge of all of its facilities and purchasing, and to oversee the building of new SDD facilities here and in Lexington, Massachusetts.


Cecil Weihe, Personnel Manager since the start of RAND, will take over Ken Wells' work and continue many of his present duties. Cecil will handle construction of the new wing (page 1), building maintenance, shipping and receiving, telephone, janitor service, purchasing, dispensary, and stockroom operations. Bob Yoder will continue as assistant plant engineer.

Dave Lederer, Administrative Aide in the Engineering Division, will become Personnel Manager, taking over Cecil's personnel responsibilities, including technical manpower recruiting, timekeeping, and the recordkeeping on insurance schemes, payroll, etc. Lois Wilen will continue as Assistant Personnel Manager.


Under the new setup, Chief Gary Leon's guard force will be under Dick Best, RAND's Security Officer.



Wells



Weihe



Lederer

ment of Science, Member of American Sociological Society, Psychometric Sociology, Western Psychological Association, Society for the Psychological Study of Sociology Issue, and the Federation of American Scientists. He is currently (1955-1958) Recording Secretary of the American

Psychological Association and on its Policy and Planning Board, and Consulting Editor to the *Psychological Bulletin*, *Journal of Abnormal and Social Psychology*, and *Sociometry*.

Last February, General Twining invited Dr. Carter to become a member of the Social Sciences Panel of the Scientific Advisory Board.

August 1956

Credit Union

Since he will be away from RAND for the rest of the year (see page 9), Joe Kershaw (Economics Division) has resigned as President of the RAND Credit Union. The Credit Union Board of Directors elected former Vice President Pete Kinnell (Engineering Division) to succeed Kershaw. After Pete consented to fill the vacancy on the Board caused by Kershaw's resignation, Joe Loftus (Economics Division) was immediately drafted as Vice President. The remaining officers and Board members are as before: Dick Lintner (SDD)—Treasurer; Audrey Ladd (Personnel)—Secretary; and Board Members Bob Boguslaw (SDD), Jim DeHaven (Administration), and Pat Keith (Engineering).

During Kershaw's presidency, the Credit Union has grown into a business with over \$160,000 in assets and a membership of more than 700. Over half the people in the Main Building are now members, and membership in Boston is nearing the 100 mark. In order to keep up with the SDD business, Manager Jean Wells (or her assistant Sharon Newstrom) makes the rounds of the SDD Santa Monica complex twice a week.

January 1956

• **Coffee.** The coffee situation has been the biggest problem facing the Co-op Committee for some time. However, we do not feel that the coffee program should constitute any more of a problem than the vending machines. At one time the coffee not only paid for itself—it made a



slight profit. Today, however, this is not true. If each and every coffee or tea drinker paid accurately for what he actually drank, this phase of the Co-op program would at least break even. We hope that this aim will be realized in the very

near future. A schedule for the sale of coffee and tea is given below. We ask that all of you read it carefully, abide by its prices, and make the coffee-collection chore easier for those who are assigned this necessary and thankless task.

CONSUMER PAYS PER MONTH (to Division Secretary)	
SUBSCRIPTION*	
1. Coffee, 1 cup, A.M., P.M.....	\$1.75
2. Coffee, 1 cup, A.M. only.....	1.00
3. Coffee, 1 cup, P.M. only.....	1.00
4. Tea, 1 bag, A.M., P.M.	1.00
5. Tea, 1 bag, A.M. only.....	.50
6. Tea, 1 bag, P.M. only.....	.50
7. Coffee, 1 cup A.M.; tea, 1 bag, P.M....	1.50
8. Coffee, 1 cup, P.M.; tea, 1 bag, A.M....	1.50
9. Cream, 1 (waxed) cup,† A.M., P.M....	3.50
10. Cream, 1 (waxed) cup,† A.M. or P.M. only	1.75
CONSUMER PAYS PER ITEM (to kitty in each coffee room)	
IRREGULAR	
11. Coffee, per cup	\$.05
12. Tea, per bag05
13. Cream, per (waxed) cup10
*Persons cannot subscribe for half-cups twice a day. Subscriptions are expected to be paid before the tenth of each month.	
†Supplied with the coffee.	

The Co-op Committee is now in the process of revising the Charta. This is necessitated by the large personnel increase within RAND. A copy of this planned revision will appear in a future issue of the RANDom News so that everyone may have a better understanding of the functions of the Co-op.

The following Statement of Profit and Loss and Balance Sheet are for the period ending June 30, 1955. The next Statement and Balance Sheet will appear in a future issue of the News.

Profile . . .

Harry Harman is the Head of the Problem Production Department in RAND's System Development Division. This Department prepares training materials ("problems") for the System Training Program at the Air Defense Command's AC&W sites.

Harry was born in Vilna, Poland, in 1913. At the age of nine he traveled with his family to the United States via Berlin, Liverpool, and Quebec. Settling in Chicago, the entire family became naturalized citizens. Entering the first grade unable to speak English, he skipped through eight years of elementary school in four years. At Chicago's Crane Technical High School he maintained an "A" average (primary emphasis in Math and Science), indulged in many extracurricular activities (slide-rule club, soccer) and was elected "Mayor of Crane Tech."

In 1931, Harry won a two-year Honor Scholarship to the University of Chicago. In 1934 he received his Bachelor's degree in Mathematics, and two years later he received his Master's degree. Meanwhile, in 1935 he was appointed a Research Assistant in the Department of Education at the University of Chicago. In 1939 he joined the faculty as a Research Associate; he also began teaching, as an Instructor in Mathematics and Statistics, at Austin Junior College.

During the period 1934-1936, his work in the Department of Education with Professor K. J. Holzinger stimulated Harry's interest in statistics (measurement, methodology, and comparative studies). This finally led, in 1941, to a book, *Factor Analysis—A Synthesis of Factorial*



H. H. Harman

Methods, jointly authored with Professor Holzinger.

From 1941 to 1945 Harry was Supervisor of the Division of Research and Statistics, Department of Public Welfare, State of Illinois. (During his last year as Supervisor, he was given an Honorary Appointment, by the Governor of Illinois, as Statistical Advisor to the State Director of Selective Service.) Most of his work during this period was in connection with the Mental Hygiene program in Illinois.

In 1945-1946 he went to work for the U.S. Employment Service and wound up in Washington, D.C., with the Federal Bureau of Employment Security, as Verification Statistician.

In 1947, as a Research Associate with the National Research Council, Harry began a two-year survey of the supply and demand of high-level scientific manpower in the United States (a Rockefeller Foundation supported study). While with the NRC, Harry became Chief of Statistical Research and Analysis, Per-

sonnel Research Branch, Adjutant General's Office, Department of the Army (1948-1950). Concurrently, he taught at George Washington University (1949-1950) and at American University (1951-1953).

In the fall of 1953, Harry came to work for RAND, in the Systems Research Laboratory. His primary mission was to help work out problems — and make operational — the System Training Program. In August, 1954, with the help of John Matousek, he was responsible for the first package of STP training materials. About 1600 such problem packages have since been produced.

Harry's family consists of his wife, Rose, whom he married during his hectic graduate years at the University of Chicago. Her hobby is the culinary arts (wherein she excels). The Harmans have two sons, Larry, 15½, and Alvin, 13½.

While Harry is an ardent tennis player, a holder of college trophies for horseshoe pitching, and likes to take long automobile trips with his family, there is no doubt that his best-known hobby is bridge. His noon-hour bridge-playing cronies accuse him of having his own system — and, in fact, he plans to write a book on bridge sometime. Last May he entered a number of Sections in the National Contract Bridge League's duplicate bridge tournament at the Ambassador Hotel in L.A. and won or placed in several Sections. Last March, Harry and Bill Biel, having a free evening in New Orleans, entered and won first place in the "Magnolia Pairs" Section of a regional Tournament. Harry plans to train his sons to play, so that more of his evenings may be dedicated to the game.

SDD Build-up . . .

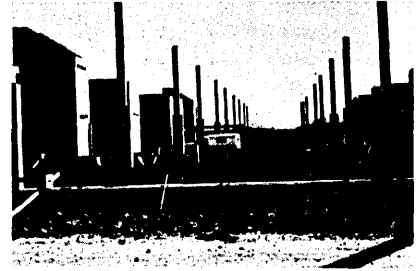
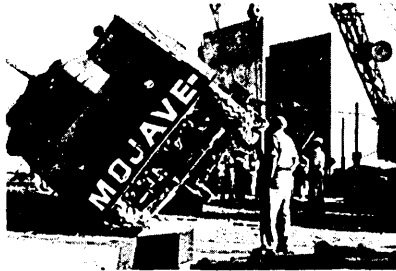
The present schedule calls for completion of the SDD building at 2500 Colorado Street by November 1, 1956. The building, being built by John Stahl for lease to RAND, is believed to be one of the largest prestressed concrete structures to be erected (we hope) to date. As the pictures below show, progress is being made—but not without problems, as illustrated by the center photo, which shows what happened

when a crane attempted to lift a prefabricated concrete beam over the strong objections of gravity, resulting in vice versa. "Never seen it happen in 16 years of work," puzzled the construction foreman.

The number of people needed to carry out the three-pronged SDD program—manual system training, SAGE programming, SAGE training—continues to grow. The SDD figures for July 31, 1956, were 544

in Santa Monica, 230 in the Boston area, and 15 in the field—a total of 789. For July 1, 1957, the projected figures are 750 in Santa Monica, 490 in Boston, and 160 in the field—a total 1400. By July 1, 1958, it is expected that the total will grow to 1870.

The present Santa Monica staff is widely distributed over no less than six locations. The situation should ease somewhat with the completion of the new building at 2500 Colorado; and long-range plans for a second building are being considered.



SAGE Comment

The basic plan for installing STP in SAGE Direction Centers has been completed and ADC has given the go-ahead sign.

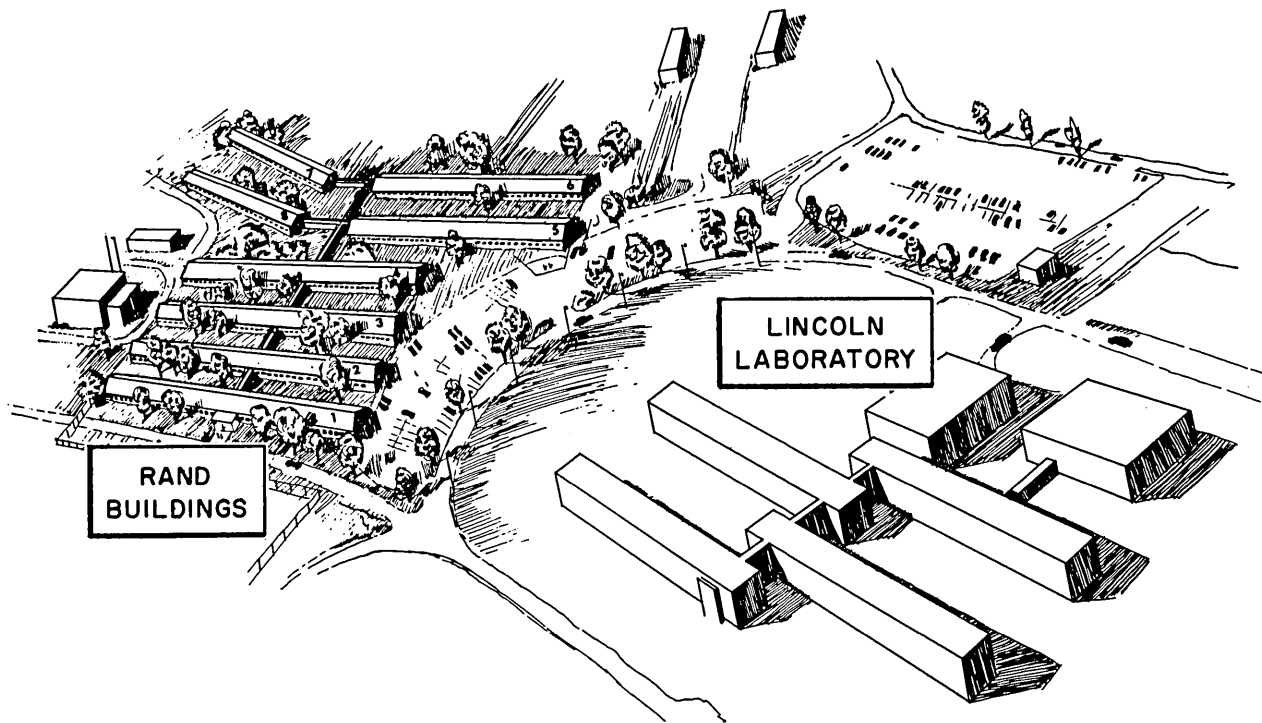
Requirements for detailing the

plan are being passed from the SAGE STP Planning Committee to the SDD Departments. The Committee will then disappear, with sighs of relief, and with thanks for its able work. The Departments are proceeding with further development and implementation, and the SDD Li-

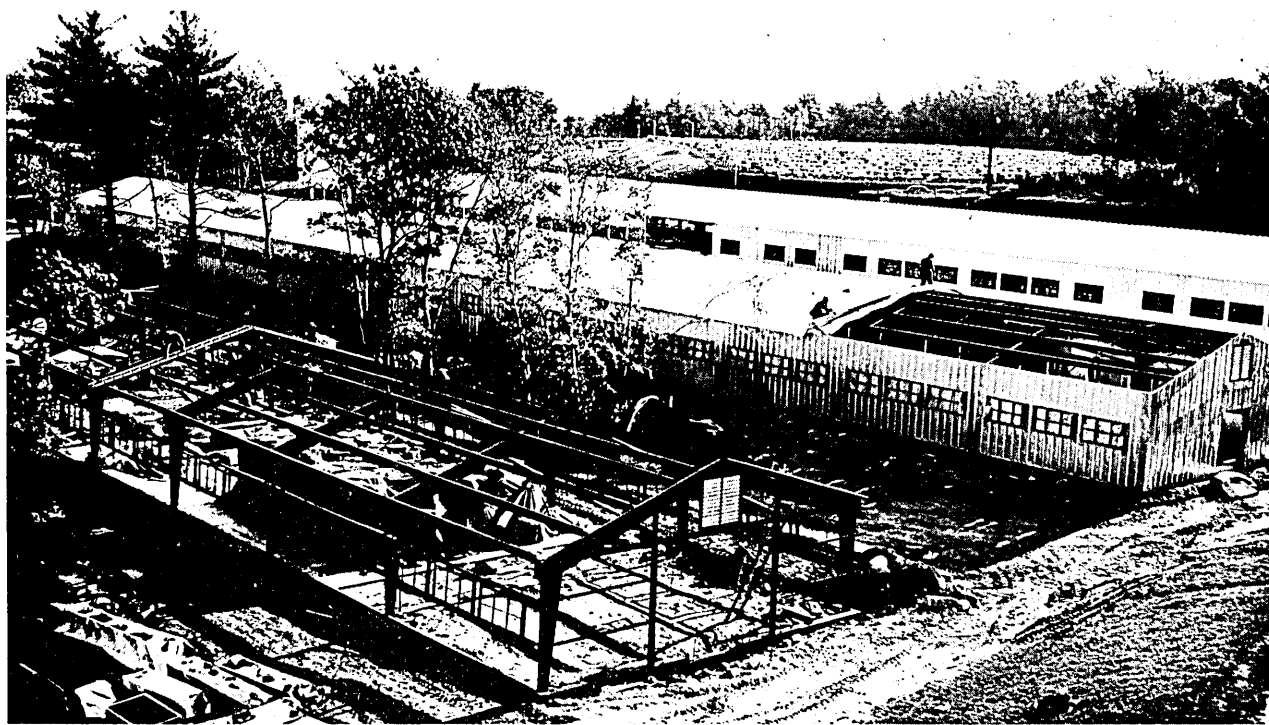
brary staff is working full time to get the SAGE Operations Specifications arranged in sets for easier reference and for more adequate distribution.

So far, the program is fairly close to schedule, although fortuitous breathing spells will be well received.

April 1956



Artist's drawing showing the location of the new RAND buiter-type prefab buildings being erected on Hanscom Air Force Base next to Lincoln Laboratory. Buildings 1 and 2 are nearing completion, and the foundations for the others have been laid.



RAND Lexington Site. Some of the eight buildings being constructed for the System Development Division at Hanscom Air Force Base, Lexington, Mass. The buildings, having a total floor area of about 87,000 square feet, will provide space for some 500 RAND people and about 400 people from Western Electric, Bell Labs, IBM, and the Air Force also working on SAGE. The first building has been completed, and the first contingent of RAND moved in on November 10.

Profile . . .

Sid Bertram heads the Engineering Department of the System Development Division. This department is responsible for determining the requirements for new equipment needed to implement the SDD programs and for providing liaison with manufacturers during the development and production of the equipment. It also serves as a consulting group to provide engineering information and guidance to the other departments of SDD. In addition, the department maintains the special electronic equipment used in the "Indoctrination Direction Center."

Sid was born July 7, 1913, in Winnipeg, Canada. His family moved to Los Angeles in 1923. By 1936 Sid had decided that he really wanted to stay in the U.S. and became a naturalized citizen. He married Esther Varon in Seattle, Washington, in 1945. They have three sons: Irving, 10; Henry, 8; and Robert, 6.

After his graduation in 1930 from Manual Arts High in Los Angeles, Sid worked for some months on a radio assembly line. This was enough to convince him that more education would be useful, so he entered L.A. City College, where he got an A.A. degree in semiprofessional Electrical Engineering in 1932.

After an abortive start at Cal Tech, from which he withdrew to make some money, Sid entered the Radio Institute of California, first as a student and then as an instructor. In 1936 Sid returned to Cal Tech and received his B.S. (with honors) in 1938.

Following graduation, Sid worked for a year at the International Geo-



S. Bertram

physics Company designing, constructing, and field-testing electrical equipment for geophysical exploration. He then returned to school, this time as a graduate student at Ohio State, where he received his M.S. degree in Communication Engineering. During this period he shared responsibility for the Ohio State Antenna Laboratory, which was set up in 1940 to investigate, with models, the radiation patterns of aircraft antennas.

From 1942 to 1945 Sid worked at the Underwater Sound Laboratory of the University of California, where he helped to develop special Sonar equipment which ultimately permitted underwater navigation of submarines through mine fields and other hazards. Leaving the laboratory after the war, he went to Boeing Aircraft Company in 1946 to work on the guidance and control equipment of the missile they were developing. In 1947 Sid returned to Ohio State University as an Assistant Professor in charge of the electrical engineering courses given at the Wright Field Graduate Center. Later he

worked with the electron microscope at the University and, finally, in the high-frequency-tube laboratory. He received his Ph.D. in 1951 from Ohio State.

Coming to work for RAND in 1951, Sid first worked with the counter-measures group of the Electronics Division. This was followed by a period of active involvement with the development of the RADATA system (radar data from gap-filler radars arranged to augment the signals at a central long-range radar).

In 1953 Sid began work on the instrumentation required for the manual System Training Program. This included the Problem Reproducer equipment, which was finally produced by RCA as the GPS-T2. He has made a number of original contributions and, as a result, has several patent disclosures pending. These will add to three patents now held by Sid as a result of his Sonar work during the war.

★ ★ ★

October 1956

SAGE-Rage Dance

The Social Committee (Lexington, Massachusetts) announces the RAND "SAGE-Rage" dance which will be held October 20, 1956, at the Hotel Statler in Boston, Massachusetts.

Baron Hugo and his orchestra.
All RANDites invited to attend.

Profile . . .

In an area where one year's residence qualifies one as a "native," Steve Jeffries is something of a rarity—a second-generation Californian. Not only was he born in Los Angeles (10th and Hoover Streets), but so was his mother.

Youngest of five children, Steve's grammar school years were spent close to home (Hoover St. Grammar School and John Burroughs Junior High School). He attended a private boarding school in Claremont, the Webb School of California. Steve's major interest at this time was sports. Between football (3 years), baseball (4 years), and track, he piled up an impressive 9 letters. Between times he managed to wedge in time to serve as "President of the Student Body." He describes his academic interest at that time as "passing!"

Entering Pomona in 1936, Steve enrolled in a premedical course. His interest in sports continued and he engaged in freshman and varsity football, and served as co-captain of the freshman track team. In his junior year, he transferred to USC, where, in his senior year, he studied law. After graduation in 1938, he took graduate work at the Harvard Graduate School of Business, where he received his M.B.A. in 1940.

Armed with his degree, Steve became Office Manager of the General Tire Co. in Ventura. At the end of a year, he returned to L.A. to work with the Safeway Stores, Inc. (as a trainee) near 6th and Western. (His major interest at Harvard was in merchandising and retailing.)

In April, 1942, Steve joined the



S. P. Jeffries

Lockheed Overseas Corporation and, following a three-months' training period in this country, was sent to Northern Ireland. There he served first as Assistant Head and then Head of the Engineering Planning Department, with the responsibility for planning and scheduling all work in the Experimental Engineering Department. Lockheed Overseas was engaged in the design and production of modification kits for aircraft.

While stationed in Northern Ireland, Steve looked up an Irish girl whose address was given him by a college roommate ("a sort of international blind date"). Steve and Margaret were married in Ireland in 1943.

Completing a two-year stint in Northern Ireland in July, 1944, Steve moved to Malvern, England, to become Business Manager of the Radiation Lab's Overseas Branch. The Rad Lab had offices in both Malvern and Paris, and during this period Steve shuttled between the two cities.

In 1945, Steve returned to the Radiation Lab in the States (M.I.T.),

where, in preparation for the final windup of Laboratory activities, he served, first, as Head of the Department of Contracts and Services and later as Head of the Personnel Department. In addition to operating the Personnel Department, he had the responsibility of setting up a Placement Office to help in the placement of some 900 employees.

In June, 1946, Steve, Margaret, and their baby boy, Michael (who was born in Boston), returned to the Los Angeles area and settled in Arcadia. There Steve again went to work with Safeway Stores. From July to November of that year he served on the staff of the Labor Relations Division, transferring in November to his first love, merchandising and retailing, with the Safeway Company. After some eight months as manager of Safeway's training store, he became store manager of the largest company store in the Pasadena and Pomona district.

In the spring of 1949, Steve received a telephone call from a Mr. Goldstein who offered him a spot in something called "The RAND Corporation." This meant nothing to Steve, but he did know two names Mr. Goldstein mentioned — Rowan Gaither (who had been his boss at Radiation Lab) and Lee DuBridg (Director of Radiation Lab). Steve came into RAND as Goldy's assistant in March, 1949. In October, 1950, he was made Secretary of the Corporation. His duties run the gamut of Corporation operations (including SDD) — buildings, security, personnel, maintenance, etc.

Steve is also an interpreter of RAND to the community; his civic activities

(Continued)

(Continued)

October 1956

range from occasional deliberations with the City Council to selling peanuts for the greater glory of Kiwanis! A partial list of his activities, past and present, include the following: Chamber of Commerce (Board of Directors, Executive Committee, Chairman, Budget Committee; now First Vice President); Advisory Committee, Salvation Army, co-Chairman for 1955 Fund Drive; Board of Directors, Red Cross; co-Chairman for 1954, 1955, and 1956 drives, Red Cross; Board of Directors, Kiwanis Club; Board of Trustees, United Fund; etc.

The only hobby Steve'll confess to is gardening. Tennis, once a favorite pastime, he now considers too strenuous. Margaret is kept busy by their three children—Michael (10+), Stehanie (6¾), and Lorinda (5¼)—and a Westhighland terrier named Laird and two large desert tortoises.

Profiles . . .

• **Wes Melahn:** Born in Rush Hill, Missouri, Wes now calls Northridge, California, his home town. A Harvard graduate, he received an M.A. in Applied Mathematics in 1948, after majoring in Engineering Science and Applied Physics as an undergraduate. Between degrees, Wes served with the Army in Panama. As Assistant Head of the SDD Programming Department, Wes led the first contingent of Santa Monicans to the Boston area in 1955. Having been with RAND since 1948, Wes has written various papers dealing with computers and the computing field. He lives with his wife, Betty, and his three children in Concord.

* * *

• **Tom O'Donnell:** Bostonian Tom graduated from Suffolk University in 1936 with a degree in law. Since that time, he has amassed a vast background of experience in administration, management, and the practice of law. Previously he served as Director of Business Administration at the Radiation Lab, M.I.T., and at the Supersonic Lab, M.I.T., and as General Manager of the Electronics Division of the Gabriel Company. Tom, who joined RAND last fall as head of the Administration Group, lives with his wife and daughter in Wellesley.

October 1956

Profile . . .

J. D. ("Don") Madden is Head of the Programming Department at SDD. The Department has the responsibilities of computer programming for the 700-series computers (here in Santa Monica) and for the continued programming effort required to support the SAGE system.

Don was born in Teton, Idaho, September 14, 1921, left at an early age, and hasn't had time to get back since. In 1940 he entered UCLA, graduating in 1943 with a B.A. in Mathematics (Physical Sciences minor). While at UCLA he played intramural football and took active part in a co-educational, interracial, international cooperative.

Following his graduation from UCLA Don was asked, by Uncle Sam, to investigate the experiences of military life.

So—in 1943 he signed up as a Cadet in the Meteorology Branch, U.S. Army. True to Army tradition, he was immediately reassigned to Communications, and wound up going to Radar school. After completing Radar school he was sent to England to join a

B-26 Bombing Group, as—amazingly enough—a Radar Officer. Shortly thereafter Don became an administrative officer, and remained such until his separation as Captain in 1946. He immediately went to work for Douglas, in the Factory Tabulation Department. In 1947, he began working in the machine computing field, which

was then in its infancy, and became interested in, and finally assigned to, Project RAND.

Upon joining RAND at Douglas (Don was the second man to join RAND's computing effort), he was assigned to the Mathematics Division. He remained with the Mathematics Division, Numerical Analysis Department, from late 1947 until July, 1955. At that point he was asked to "help SDD get its Programming Department rolling." Having come to SDD to "help," he remained to head-up the Programming Department.

Since joining SDD, Don has spent almost half-time back at Lexington with Wes Melahn (who is the Assistant Head of SDD Programming Department) organizing and developing the AN/FSQ-7 programming effort.

Don and his wife, Dorothy, were married in 1946 and have two children: Michael, 8, and Anne, 4. Don's major hobby, when he has time to pursue it, is woodworking in his home shop. Unlike most "do-it-yourself" woodworkers, he has yet to build a bookcase; he has, however, completed a number of lamps, tables, and chairs.



J. D. Madden

October 1956

SDD East . . .

Stu Tower, of the SDD Programming Department at Lexington, Mass., and Editor of RANDom News, East Coast Edition, answers the question: What's going on back there?

Hello, Santa Monica! Greetings from SDD's Lexington Office!

"What is SDD doing in the Boston Area?" Well, it goes like this.

SDD entered the SAGE story in July, 1955, by sending an advance group of veteran RANDites to M.I.T.'s Lincoln Laboratory in Lexington, Massachusetts. Under the leadership of Wesley S. Melahn, Assistant Head of the Programming Dept., this group was to aid in the formation of a joint RAND-Lincoln effort concerning the master program preparation for SAGE computer programs. In order to do this successfully, a sustained recruiting drive to hire the necessary personnel was begun by all the subcontractors in this activity. A great number of people had to be trained in both programming and SAGE information.

PROGRAMMER TRAINING

The XD-1 (AN/FSQ-7, SAGE computer) Programming School was then in its infant, experimental stages, with a small staff of IBM instructors and a curriculum to meet the immediate needs of the programmer trainees. Since its inception, over a year ago, the school has trained 171 RAND employees. At this writing, there are 66 RANDites attending the school, now staffed by 10 instructors, with improved visual aids and an increased amount of computer time.

The training of a RAND programmer, however, does not end at graduation. An extended period of on-the-job training follows the 7-week course, with more concrete, applicable experience in a specific phase of programming for the SAGE System of Air Defense. In addition to this extensive program-training, an organized SAGE Familiarization Course was held for the benefit of new personnel connected with SAGE.

Due to the rapid growth of the companies involved, staff-training, which deals with the over-all system operations, has since been delegated to the various Lincoln groups. Necessary documents pertaining to every phase and function of the system are available to all "cleared" personnel for study. Many SDD people have taken an active part in producing such material.

WORK ASSIGNMENT

Upon completion of the programming course, trainees are assigned to duty in one of the groups under the Lincoln organizational setup. Group 67, currently containing the largest number of SDD personnel, is charged with the preparation of the master program. Group 61 is interested in the fields of research and development for system improvements; Group 64 is responsible for the testing and planning involved in the Experimental Sub-Sector operations to be held at the laboratory. Group 66, currently undergoing a rapid buildup of RAND people, is doing the necessary preliminary work for the combat-center program and personnel training for direction-center check-out teams. Because of increased Group 67 requirements for XD-1 time, advanced computer training for Group 66 personnel is being conducted at IBM's Kingston, N.Y., plant, where computer time has been made available.

COORDINATION

With its employees spread throughout the Lincoln organization, SDD's Lexington headquarters has been faced with a problem of intercommunication. A Coordinating Committee, composed of RAND representatives from all sections and groups within the Lincoln structure,

has recently been organized. Wes Melahn and/or Don Madden, Head of the Programming Department, has been holding periodic meetings with the committee, discussing future plans, administrative policies, and varied problems presented by committee members or personnel in their charge. The results of these meetings are recorded and disseminated throughout the Department. So far, this method has shown a definite potential in alleviating the communication problem in the Lexington area.

QUARTERS

Another situation having merited much thought is the lack of additional space for the increasing numbers. Temporary relief was found in offices provided at nearby Murphy Army Hospital and the Lexington Field Station (M.I.T.), but a more permanent solution has been effected, with a group of eight units under construction adjacent to the Lincoln Laboratory. It is expected that they will be ready for occupancy before the end of this year.

FUTURE PLANS

What of the future plans for the SDD's SAGE-Programming activities? With a force of nearly 300 already on the rolls, current recruiting plans call for a gradual tapering-off and a goal of 850 total. Plans are being made concerning the role of SDD in checking-out the master program for each site. Expected revisions must be made, and the programs adapted for the various direction and combat centers. Within a short time, a large number of SDD programmers will be serving on check-out teams in the northeast sector to work on these all-important aspects of the operation. Looking even farther ahead, a permanent on-site staff of programmers will be stationed at each installation throughout the nation, for continuous maintenance of the master program, while Programming Department Headquarters and its Central Staff will eventually be in SDD's Santa Monica buildings.

Welcome to RAND . . .

Individuals who joined us during October, with apologies to those who escaped mention through joining earlier.

MAIN STREET BUILDING

S. M. Administration—Louise S. Allen from Markel Co.; Monica D. Liddal, Farnan & Seemann Co.; Colleen P. Moore, Household Finance; Dolores F. Pirone, Longrock Stores; Patricia E. Randall, Miami Springs Country Club.

Cost Analysis—John A. Davis from U.S. Air Force.

Economics—Marjorie W. McClure from Labor Economics Institute, University of Washington; Kathryn M. Norstrom, London School of Economics.

Engineering—Barton G. Beckley from U.S. Navy; William H. Krase, General Electric; Dolores Kobza, Summers Gyroscope; William I. Rumer, Hughes Aircraft Company; Robert M. Smith, U.S. Air Force.

Facilities and Services—Van E. Sibley from Lockheed Aircraft Corp.; Patrick J. Stynes, The May Company.

Logistics—Patricia Careterette, Thailand Public Administration, Indiana University; Paula E. Deere, Paper-Mate Pen Company; Elaine E. DeVos, Title Guaranty Co.; Lorraine F. Driggs, Campbell's Clothing Store; Marie E. Grindall, Van De Kamp Bakeries; Carole J. Grobon, UCLA; Diane C. Milby, W.A.F.S.; George C. Noonan, Jr., Douglas Aircraft Company, Inc.; Barbara Wagner, Wesleyan University, Illinois.

Numerical Analysis—Charles L. Baker from Douglas Aircraft Company, Inc.; Donald C. Brown, Park Davis & Co.; Samuel Fins, Workman Service; Lyle E. Sisco, L. A. Times; Edmund J. Talbott, International Business Machines Corporation; Louise C. Weihe, North American Aviation Corp.

Physics—Harvey P. Lynn, Jr., from U.S. Air Force.

Publications—Dorothy L. Link,

Douglas Aircraft Co.; Kathryn M. Rheinschild, Douglas Aircraft Co.

Security—Carson M. Cook from Breakfast Club Coffee; Wilbur M. McKee, Nesbitt Bottling Company; Madeleine St. Pierre, Hughes Aircraft Company.

SYSTEM DEVELOPMENT DIVISION

116 Boston Administration: Deloris E. Smith, F. E. Compton & Co., Colorado.

116 Boston Production: Hal E. Lemmon, Student; David Moses, Student.

116 Boston Programming: Alfred W. Baker, Student; Joseph H. Bass; Robert L. Bichel, Stuart Publishing School, Nebraska; Alfio F. Bongarzone, Metropolitan Life Insurance Company, Mass.; Leona Bradshaw; Lon C. Clewis, P. F. Colliers Corp., Ohio; Gerald Cohen, Student; A. S. Copperband, Student; James B. Dempsey, Erie Ordnance Depot, Penn.; I. Dobon, General Electric; John D. Dodson, Jr., International Life Insurance, Texas; Henry P. Dowst, Army; Robert W. Duncan, Liberty Mutual Insurance, Wisconsin; Frank K. Eggleston, Student; Elizabeth O. Everetts, Ramo-Wooldridge; Renna F. Gist, Wesco Materials Corp., Texas; Doris A. Hanlon, Roddis Plywood, Mass.; Douglas Hammison; Samuel Hockeiser, U.S. Treasury; Jesse P. Hofman, Board of Education, Wichita; Edwin C. Hurd, Nationwide Life Insurance, Ohio; Hollis A. Kinslow, International Business Machines; Thomas J. Koeske, Chain & Belt Co., Wisconsin; Walter J. Pavlic, Student; Elizabeth A. Powell, Student; Chrystal L. Pugh, Freelance; Don D. Stewart, Toledo Edison Co., Ohio; David P. Stirling, Student; Edward C. Wenzel, Soo Line Railroad, Wisconsin; Carle M. Williams, Security Mutual Life, N.Y.; Jacqueline Williams, Beatty Memorial Hosp., Ind.; Earl W. Williams.

115 Engineering: Meredith Coon, Self-employed; Lawrence Michels, Gilfillan Brothers Incorporated; Pal-

mer W. Stevenson, Dept. of the Air Force.

122 Facilities & Service: Floyd Cowing, U.S.C. Janitor; Pratt Wetzel, Children's Baptist Home.

123 Library: Glenyce L. Adsit, Sears Roebuck; Wanda Dove, University of California—Teacher.

121 Personnel: Janet Comlossy, Hughes Aircraft; Norma L. Hines, John Hamericks Theatre, Seattle, Wash.

112 Problem Production: Nancy G. Abbey, San Diego Naval Supply Depot; Suzanne Bertone, Bullock's Westwood; Lola D. Brayboy, Maywood Air Force Depot; Robert E. Burgitt, Student; Elizabeth A. Crusan, R. H. Wright & Son, Florida; Allen G. Dale, National Linen Service Corp.; John E. LaPoint, Pathe Lab., Los Angeles; Patricia J. Long, Security First National Bank, Los Angeles; Jack C. McDougall, Edgemar Farms; Ronald Myers, USAF; Babette Nielsen, Housewife; Veva M. Southerland, Housewife; Winifred Vanderwalker, Student.

116 Programming: Mabel MacCoby, Lakewood City Government.

113 Programming, S.M.: Robert P. Bancroft, Farmers Insurance, Los Angeles; Norma Drake, Student.

118 Publications: Maryann Knight, Student.

120 Security: Sharron Olson, Louis Milani.

120 Security and Police: Norman P. Klowgard, Sears Roebuck.

111 Training: Harold I. Best, Student—The George Washington University; Rachel Bickner, Bureau of Airo Rep., Douglas El Segundo; Jack E. Bratten, University of Colorado—Teacher; Carlos A. Cuadra, Veterans Admin., Illinois; John W. Cullen, American Institute for Research, Penn.; Darlene Guyot, Henshey's Department Store; Marion C. Parrish, Student; Lorenz P. Schrenk, U.S. Navy; Melvin Wallace, Veterans Admin.; Joanne Witt, Franklin Life Insurance, Illinois.

November 1956

August 1956

Credit Union

Larry Johnson and Irvin Sterman have recently been appointed to the Credit Union Supervisory Committee to fill vacancies left by the resignations of Crawford Thompson (ex-Chairman) and John Herzog. The new chairman of the Supervisory Committee is A. J. Smith.

Following Lou Turner's resignation as a member of the Credit Committee Mark Gilman has been appointed as a replacement. The other two regular members of the committee are Cecil Weihe (Chairman) and Bob Montavon. Joe Loftus, who is Vice President of the Credit Union, is also serving as an alternate member of the Credit Committee.

The Credit Union expects to make loans on new appliances in the very near future. A memo will be distributed giving full details.

★ ★ ★

Who's News . . .

SDD has recently appointed DR. NORTON F. KRISTY as its permanent representative at Air Defense Command Headquarters.

Although his primary concern is liaison between ADC and SDD, Kris is in a unique position to be of assistance to RAND people who plan visits to the Springs.

Housing Service

The RAND Housing Service, started principally to aid newcomers to the Los Angeles area, is proving its value to established RANDites.

Listings of available apartments and houses are published each Thursday in the Housing Bulletin, which is posted on bulletin boards throughout RAND. To acquire these listings the Housing Service maintains contact with real estate agents and landlords, and also seeks the assistance of all RAND employees in establishing a "pool" of housing resources. RAND people being transferred to other locations are urged to list their houses and apartments with the Service to help obtain RAND tenants for such properties. In the case of RAND people temporarily stationed in Santa Monica, their need for short-term rentals ties in well with the needs of those who wish to sublet for the duration of existing leases.

So far the Housing Service has been concerned mainly with rentals, but people with houses for sale are also urged to list them with the Service. The wide variety of needs within RAND will best be served if the widest possible range of listings is made available, and we hope everyone will join in making this service a real success.

Kay Howland, who is located at the Lynch Building, 1452 Fourth Street, will welcome your calls.

BASSOONISTS, et cetera

Bassoonists and others interested in playing chamber music should contact Horst Mendershausen (Logistics) on Ext. 675.

SDD Housing

SDD has now established a housing service for its personnel. Headquarters at 1505 Fourth Street. Listings are most urgently needed, and a phone call to Kay Howland with information on houses or apartments for rent will be a real help.

Let us know your own housing needs and we will do what we can to assist you in every way. We welcome your suggestions and help in making this service of real benefit to all.

★ ★ ★

March 1956

RAND IN "BUSINESS WEEK"

The March 3 issue of *Business Week* magazine featured a six-page story on RAND—the longest and broadest account of our organization to appear in the public press since the *Fortune* article of March, 1951.

Focusing on the System Development Division as a news lead, the BW article sketches in a background of RAND history, aims, general programming characteristics, and management. The article was written by a member of the *Business Week* staff, Tom Self, after talking with several RAND people on an unclassified basis.

A limited number of reprints has been ordered.

Mar. 14th

1956

The *RAN*Dom News

Vol. 1 No. 5 (0.000 000 000 000/01)

East Coast Edition

Greetings to all! The news is still alive, for issue #5, from the cobwebbed files of your nosy news-hounds, to all RANDites - at the lab, hilltop-house, and the hospital. A note of interest - when the first edition of East Coast RANDom News arrived on the scene, 52 copies were distributed. Today, the fifth issue finds 117 RANDites on the roster proof positive that RAND has more than doubled its size in the Boston area, in three months time. Onward and upward!

WHAT'S NEW AT GHQ?

By this time, memos concerning the forthcoming RAND "meet-all" have circulated throughout the area. This should be a great one, by all indications. Those of you who have been to the "Meadows", would bear witness to the fact that it has always been one of the finer dine-dance spots in New England. Your Socio-Cultural Committee is hoping for a 100% response for this long-awaited one-night RAND-stand. If you can't make it, you'll be disappointing someone - so plan ahead on grazing at the "Meadows" Thursday, April 5th (loot-day.... excuses will be weak!) A sincere vote of thanks to Don Madden, who went to bat, and came through in the clutch!

From the busy desk of Tom O'Donnell:Mass. reciprocates with other states in matters of registration of cars and licensing of drivers and extends out-of-staters who are gainfully employed here the same length of time to register and get licenses as they allow us. In any event such reciprocity is predicated on any out-of-state car using Mass. highways having the minimum statutory insurance coverage (\$5,000/10,000) during the waiting period. If you have any questions concerning these matters, contact John Pfeil.

After weeks of tedious work, our GHQ office crew finally presents us with a complete "wheel of fortune", and there before your eyes flickers all sides of life - the glamour gals, the laughing-boys, the ogles, the stare, the startle, the sport, the sneereach with name and number.....this, readers, is the "RAND Reel".....
Dr. Toby Oxtoby was a recent visitor at the lab and at Murphy.....also Bob Callan, and L. Sepmeyer, from Santa Monica. Lois Soengen must find it quite profitable delivering the

pay-checks every 5th and 20th....she leaves for Florida, on vacation, in April. The recruiting drive has begun! The kick-off, taking place last weekend, under the watchful, hopeful eyes of our three-man recruiting team, Harold Willson, Frank Balanis and John Creighton, will scour the nation on this pass. Fran Chapin will serve as secretary for the team. Esprit de corps, in the form of recommending friends and acquaintances who can possibly qualify, will be most helpful in this all-out effort.

BUMPS ON THE LINCOLN LOG

Group 67 continues along at an increasingly rapid pace, facing deadlines to meet deadlines, to meet the next deadline, which really came before the last deadline! Old-hand Pat Haverty has recently been named leader of the operational tracking section. Fine choice, we all agree! Chuck Mossmann, graduate of the last IBM class, has been assigned to Switches, with Al Marshall moving up to assistant section leader. Bill Hoppe is working in Track Correlation, Jack Myers in Digital Displays, Bob Gardner in Simulation, Ardeth Miller in Smooth and Predict, and Charlie Meadows has been at work on Displays. Make way for the next group from IBM schoolroomsMarch 24th!
Dot Goodwin, newly hired clerical, has joined Nick Demas and his documentation crew. Dot is a Californian..imagine that!

SICK CALL

(News from Murphy Army Hospital)

George Cos, Jimmy Wong and Fran Sweeney, are the latest RAND transfers to fair Murphy. As big cogs in the EPSCOM operation, they'll be located in the Bell Labs wing of the hospital.

The IBM school gets tougher all the time. Samples of the tests tossed at our future programmers in the home-stretch, are enough to make a wizard scratch his haid. This may be the reason for holding classes in what used to be the psycho-ward!
John Pfeil is busily training to be a draft-law expert. Congenial John has delved into all draft laws, loop-holes, deferment situations, etc., and premises to look into each case fully, in trying to help any RANDite in transactions with the draft board.

Myron Robinson, visiting psychologist from Santa Monica, is attending the IBM school at Murphy, as part of his three-month stay in the east. Ro Raffa, among other important projects is at work compiling a complete orientation notebook for use in the indoctrination of future RAND personnel. This notebook, including some excellent photos of Cape Cod radar installations, will prove interesting and informative reading for all people connected with the effort, regardless of previous training.

NEW FACES OF '56

Here comes the parade..... break out the welcome carpet.....sound the trumpets! Last minute entries to the IBM class begun two weeks ago, were Dick Mackler, an M.I.T. grad, Massachusetts native, and Armando Petrino, a real estate salesman, U. of Mass. alumnus from Weymouth, Massachusetts. Also enrolled in this class, Max Schleppenbach, a furniture salesman from western Nebraska, Lyle Haas, tabulation supervisor from St. Paul, becoming our fourth Minnesotan, Bob Sobocki from Michigan, and Jack Keene, Missouri, two former secondary-school teachers.....awaiting the start of the next session are, Lou Dooley, insurance planner from Atlanta, lived and attended college in Florida, Marv Kurtti, from Michigan's Upper Peninsula, a State University December grad, Ed Bobcheck, experienced in various types of IBM equipment, a Pennsylvanian, Al Zahner, from St. Louis, with a chemical industry background, and Don Crowson, an Educational-Psychology major from Portland, Oregon. In addition to the three-man recruiting team mentioned previously, Phyl O'Neill, our faithful girl greeter, informs the RANDom News of the arrival of Muriel Perkins, Joanne Prochaska and Dot Goodwin, added to the ever-growing clerical staff. Your closest chance to meet all these new faces, and othersagain we mention, April 5th, at the "Meadows".....!

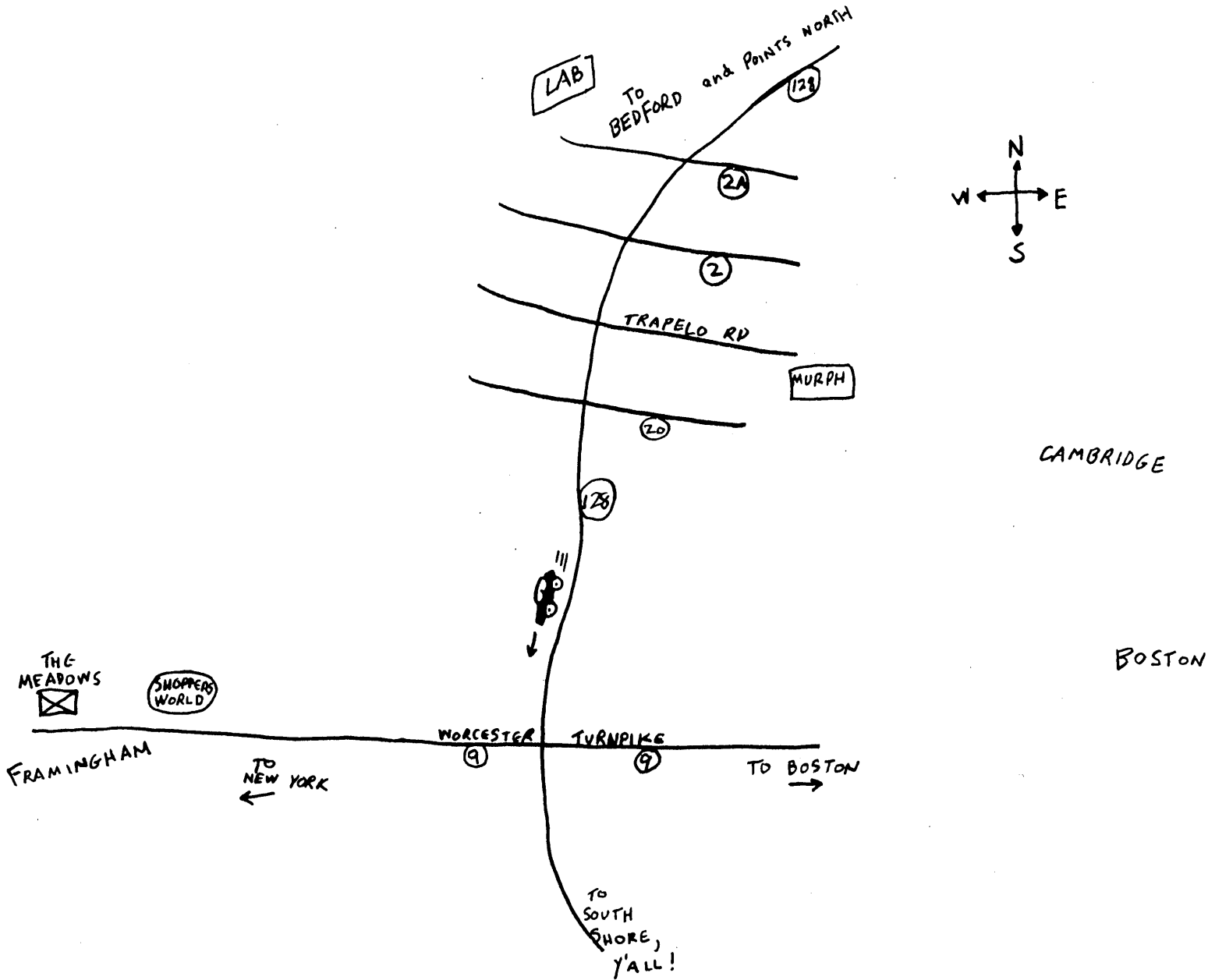
ROUND AND ABOUT RANDOM

Spring is just around the corner..... (of Hollywood and Vine!) --- At this writing, many RANDites are clarmoring for a meeting.... seems like we never do get together as we used to----- The town of Lexington was very quiet on April 19th-20th, 1775, compared to the "5th and 20th" check-cashing caravans, as they converge on the little old bank overlooking the historic village green ----- undisputed pin-

ball champ of Murphy during the recent Olympic tryouts, "Tilt" Persell, spent the whole of last week-end at the hospital playing out the forty-three free games he had won....."what a way to relax!" says Bert ----- meanwhile, the torrid Kriegspiel Association of Murphy Army Hospital has welcomes to its roster, old-time "spieler", Jim Wong ----- Comeback of the week!..... Documentation's Joe Berman, upon arriving before 8:00 a.m. one day last week, placed his head on his desk to grab those extra forty winks, after spreading out his days work. His Lincoln section-leader popped-in a few minutes later and sarcastically stated his surprise in seeing ambitious Joe at his desk so early. Seeing his opportunity, the sage of SAGE jerked his head up, rubbed his eyes, looked at his watch and seriously grumbled, "What? Is it morning already?" ----- Our geographical distribution list has grown to include 24 states, with the addition of Michigan, Missouri and Florida while our college and university representation has been expanded to 56, adding Nebraska State Teachers (at Chadron), Hamline, Wayne, Michigan State, University of Florida, Scranton, and Central of Missouri ----- Gala congratulations to George Sioras engaged to Miss Mitzi Young of Brookline (the result of association with the likes of Art Morse!).....another one bites the dust ----- Don't say that Margaret Clark isn't taking her anticipated voyage seriouslystudying European road maps, travel guides, languages, customs, etc., she'll know more about the continent than Bonaparte ever did!..... Speaking of Europe, Margot Long and her future partner, plan on a honeymoon to Switzerland, in June --- No wonder Paul Revere didn't stop in Lexington it's dry!-----Phyl O'Neill brightened up the dark hall-ways of Murphy by making an appearance late last week.----- those recruiters are abundantly rabid in their assignment.....cornered Roger Schoch in their Murphy office one day, talked on the job they offered, went on to sing the many praises of RAND, etc.,....faces turned an attractive shade of pink as Rog meekly flashed his i.d. card at them!----- Hoping for a maximum turnout at the RAND "meet-all", RANDom News offers a handy-dandy map featuring the whereabouts for this affair....see end of issue ----- Hang onto your seats.....Nash is in town! ----- At least one fella reads this sheet closely

.....What-Ad for a programmer trainee
"mental midget to fidget with digits"
 -----Bill Frymire was quick to point out
 a spelling mistake to yours truly, when
 his name appeared with an "e" between
 the "y" and the "m".....excuse, please!
 -----Tip to out-of-staters,.....learn
 to be Red Sox fans quickly, if you expect
 to enjoy your summers in Massachusetts...

....land of the bean, the cod, the Cabots,
 the Lowells, and Fenway Park! ----- the
 thirty-one visitors from Santa Monica,
 recently attending the SAGE Familiarization
 Course, seemed to enjoy their stay at
 Murphy and Lincoln -----It's been a long
 time since we've heard from Al Millbert,
 Don Kiley, Roy Schaub, Jerry Schissell,
 Rick and others of the Lincoln contingent
give with the news, gents....as you
 know, if it fits, we print it.....until
 then, have faith....keep smiling! 31 days
 till tax time!



EAST-COAST EDITION

The
RANDOM
News



MAY 10, 1956

Here comes Number Seven! RANdOm News, East Coast Edition, enters its sixth month - a half year of news and views, watching RAND progress Sage-wise and otherwise. With the continuing increase in the RAND-roster (125 at latest count), added cooperation in the form of news-worthy contributions, becomes an evident necessity. A phone-call - a note - a whisper remember our oft-tested slogan -- "All the news that ifts, we print!" Dial 56 - 226, and tell your story to Stu. Help to keep the presses rolling!

WHAT'S NEW AT GHQ?

Headquarters, busier by the week, has had an office full of visiting fireman. At press-time, Don Madden and Kap Kappler are in town. When this team enters the scene, watch for something to happen! Needless to say, we all enjoyed their last visit.

Changes in office and administrative duties have recently been announced by Tom O'Donnell. As mentioned repeatedly, time and temper can be saved by going through these prescribed channels. Must be true!

Plans for the new buildings are going along as scheduled and actual construction is expected to begin in the near future, according to word from Tom.

A new hand has been added to the administrative staff at GHQ. Sheldon Briggs joins RAND, and will be working with security problems.

Ed Cohen, SDD Training Group, and Steve Button of Air Information have arrived from Santa Monica. They will be in the Lab-Murphy vicinity for several months, as part of Operation "Brain-pick" (a Raffa - ism!), hoping to absorb heaps of Sage info, for the benefit of their respective groups at home base.

Bob Boguslaw, head of SDD Internal Training, was also here for a short visit, escorted by colleague Myron Robinson who leaves for S.M. at the end of May after an eventful three-month tour of duty.

Bob Callan of the SDD Engineering Department, has been East, conferring with Walt Attridge and Charlie Zracket of Lincoln.

The latest communique from the SCC (Socio-Cultural Committee) has informed all RAND-ites of the future plans of the entertainment crew. Morrie Mineart has entered a RAND team in the Lab softball league - first game v.s. IBM, Thursday, May 10th. For RAND diamond enthusiasts at Murphy, Stu Tower has formed a combined RAND-Lincoln Group 61 Team, with Lincoln's Haig Hedison arranging a league with the air force and army groups. Tom Kurth, golf "pro" announces that interest is beginning to show up. Duffers, fairway-hackers, and tee-splitters are urged to contact Tom if interested in playing. So much for active summer sports! The Sage-Rage, a proposed Group 67 - 61 - RAND affair is also in planning stage. Nick Demas, co-chairman, has been scouting the area for a suitable hall. Suggestions along this avenue would be greatly appreciated as soon as possible. Nick is also in charge of ticket sales for the Red Sox night game. Mssrs. Cronin and Yawkey of the Boston American League Baseball Club, are pulling for success in this venture!

BUMPS ON THE LINCOLN LOG Group 67

Rick Onanian has been transferred from the group, to work with the Duplex and Stnadby Operations section at Murphy. Cheer up, fellas! None other than C.R. Shoch, Jolly Roger, will be heading for the lab next week, departing from the Data Simulation section at Murphy.

Recent IBM class graduates, Lyle Haas and Bob Sobecki have joined the Tracking and Display sections of Group 67, respectively. Max Schleppebach and Pete Petrino have been assigned to Charlie Grandy's ESS crew, Group 67. The Program Design Section, featuring Hank Howell, Morrie Mineart, Arnie Erickson, Bob Steinert, Lyle Haas and Jerry Schissell, has moved from the lab to the house on the hill - Lexington Field Station. This could mean a revival of the "Commentary from Solitary" column. To Morrie, Hank and Jerry, this is a return engagement, having previously attended classes up yonder.

After spending a good part of last year's torrid summer in the windowless swelling, Jerry and Morrie can refer to the place as their summer cottage in the mountains (takes imagination, thought!).

Balke Ireland and Dick Richmond have been switched to assembly checkout. Nick Demas reports that Joanne Prochaska and Dot Goodwin are now responsible for the distribution of all documents to RAND people. Carole Romano has been handling this task at Murphy.

So much for the trails and extrapolations of Group 67. Still awaiting the word from Schaub, Krouss, Elias and Company!

SICK CALL
(News from Murphy)

All of Group 61 has been working a 48-hour week. As is the case with Group 67, this policy will continue for an undecided period of time.

Tom Hibbard, transferred from Duplex and Standby section to Data Generation, has taken over the work left by Bert Persell. Rick Onanian, as mentioned previously, has taken over the vacancy in Duplex and Standby. Dick Mackler and Jack Keene, having recently completed IBM class, have been assigned to Data Simulation and Reduction. Caroline Lumbard, Ed Bobchek, Bob Mosier and Dick Beeler have also joined Group 61 from the class which ended May 4th. With the addition of the aforementioned, RAND has nearly equalled the total manpower of Lincoln, IBM and Boeing in the group.

Ronnie Ketchell, for many months the lonesome RAND gal in Group 38, is as happy as can be with her new assignment at Murphy. Ronnie will be working with Vic LaBolle in an analysis project while making her office in 138-B.

Ro Raffa offers two interesting books pertinent to the computer field. They are, "Giant Brain", by Berekeley, and "Arithmetic Operations in Digital Computing", by C.K.Richards. Also on hand in 138-B for the use of any RANDite, is an up-to-date reference book on calculus and analytical geometry, by Thomas, Ro has other books on order, and would appreciate any requests or suggestions in this library-building effort.

Ray Olsen, although still attached to the Data Reduction effort in Group 61, has moved his headquarters to the lab in order to be closer to the M.T.C. and IBM card-room.

Paul Hildebrandt is now an Assistant Section Leader of the Adaptation Section. Graduates of IBM classes assigned to Group 61 have been attending a series of Sage indoctrination lectures given by Steve Hauser of Lincoln.

NEW FACES OF 1956

Now in school at Murphy:

Alex Bumsted, formerly associated with the U.S. Department of Fisheries and Wild Life, as a water fowl study leader, graduate of the University of Virginia, stationed in Mississippi Delaware and Kentucky with the department.....

Jim Flaherty, from Quincy, as industrial engineer with Boeing at Seattle, before coming to RAND. Graduate of Boston University.....

Russ White, a Brown University literature major, surveyor with a local engineering firm resident of Natick, Massachusetts.....

Vic LaBolle, originally from Michigan, Wayne University, recently employed by the government as a mathematician at the Diamond Ordnance Fuse Labs in Maryland Walter Thorpe, Roxbury, Massachusetts, attended Northeastern University and previously worked for the Commonwealth Paul Hicks, another Brown grad, resident of Providence, formerly a life insurance salesman varied backgrounds, to say the least!

Currently awaiting the start of the next class is Larry Brown, Cleveland, Ohio, accountant, graduate of Dartmouth College. Rolling on!

THIS IS YOUR LIFE

While introduction RANDites to the newcomers, it was felt that a column presenting some of the old-timers to the more recent members of RAND, would be well-received. As a result, we have been sending biographical sketch sheets (fancy name for nosy questionnaire) to the victims, in the hopes of getting enough dope to adequately print a brief paragraph on each. Alphabetically, RANDOM News presents This is your life!

John Patrick "Pat" Haverty --- Pat, a Group 61 section leader, was born in Chicago, and refers to L.A. as his hometown. After graduating from Los Angeles State College in 1949 (also attended University of Colorado) with a

bachelor's degree in mathematics. Pat went into the navy for a two-year stay, being stationed in Washington D.C., with an opportunity to do computing work. In 1954, Pat joined RAND in Santa Monica, and with spouse Nancy, came to Boston with the first group of RANDites. The Haverty's currently make their home at Bedford.

Gus S. Hempstead --- A member of the Group 61 Adaptation staff, Gus is a native of Spokane, Washington. After graduation from high school, he served with the air force, 1943 -45. In 1949, Gus received a B.A. in mathematics from Reed College, Portland, Oregon, and went on to earn a master's degree at the University of Iowa. While living in L.A., Gus worked for the Occidental Life Insurance Company before coming to RAND. Recently married, Gus, a whiz at double-croscics, and wife Suzanne are living in Bedford.

M.O. "Kap" Kappler --- As Co-chief of SDD, Kap spends most of his time on the west coast. However, he has earned the title of "coast to coast commuter" due to his frequent jaunts to our outpost. Kap, a native Californian, is an alumnus of UCLA, class of 1930. During World War II, he served with the navy at San Diego and Pearl Harbor.

Wesley S. "Wes" Malahn --- Born in Rush Hill, Audrain County, Missouri, Wes now calls Northridge, California his hometown. A Harvard graduate, he received a M.A. in Applied Mathematics in 1948, after majoring in Engineering Science and Applied Physics as an undergraduate. Between degrees, Wes served with the army in Panama. As Assistant Head of the SDD Programming Department, Wes led the first contingent of Santa Monicans to this area in 1955. Having been with RAND since 1948, Wes has written various papers dealing with computers and the computing field. Wes and wife Betty have three children, ages one, three and five, and are living in Concord during their stay in Massachusetts.

Thomas F. "Tom" O'Donnell --- Bostonian Tom graduated Suffolk University in 1936 with a degree in law. Since that time, he has amassed a vast background of experience in administration, management and practicing of law. Previously serving as Director of

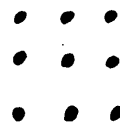
Business Administration at the Radiation Lab, M.I.T. and the Supersonic Lab, M.I.T., and General Manager of the Electronics Division of the Gabriel Company, Tom joined RAND last fall, as head of the administration group. Tom, wife Vesta and young daughter Cecelia, live in Wellesley.

ROUND AND ABOUT RANDOM

Take it from here, Alfonse! ----- Leading off we can give you patient perusers the one and only correct answer to Jim Wong's brain-teaser on the apple-machine problem693! The first person to figure this correctly was none other than, Bert Persell, who has since departed from our ranks! To prove that the problem was on the up-and-up, Jim came up with another proceed to end of column for brain exercise #2 ----- RAND-night at Fenway Park should prove interesting concessionaires could conceivably break all "suds-selling" records ----- Excitement at the army hospital! The steeple-chase duo of Hibbard and Hildebrandt have found it quite stimulating to climb the 140-foot smoke-stack at Murphy. Paul has already reached the 50-foot mark, and together with Tom, plans are being made to ascend the brick tower, lunch-time, Saturday, May 12th, and engage in a chess game in the clouds. This is on the level! ----- Who's to know department Yes, among the many interesting "pasts" found in inner RANDOM, we have an honest-to-goodness post-debutante! Miss Margot Long, soon to be married, was officially presented to Huntington, West Virginia society, four years ago, according to an engagement article in the New York Times (RANDOM News gets around our news-clipping service leaves nothing to be desired!) ----- A large group of RAND music-lovers had a very entertaining evening at the Pops Concert on Sunday, May 6th, at Symphony Hall. ----- Latest word from our European tourist, Margaret Clark, informs us that she did not get to the Monaco marriage ceremonies..... however, Margaret writes that she is seeing a good part of western Europe, having rented a French Renault for her sight-seeing jaunts----- Sporting Florida tans, Lois Soengen and Eleanor Lyon returned from a two-week vacation in the southland says Californian Lois, "I hope this isn't treason!" ----- A flawless four-some on local golf courses - Stan Benson, Jack Plante, Walt Duffy and Paul Menard-----

Do RANDites ever stay put? Carole Romano and Marcia Forsythe also had the travelling bug, and visited Washington, D.C. over the Patrick's Day weekend ----- A quote from our star contributor, Jim Wong "Who are the fishermen in the crowd? Open season for fishing is here. Anyone interested in discussing the virtues of a fish over a stream some weekend? Let's get together." Congratulations to new papa, Dave Langfield!.....a baby boy -----

Ready? Here comes a Wong-O-Gram! The diagram below shows 9 dots in the form of a square. Draw 4 straight lines, so as to cross out every dot. You must not cross any dot more than once, nor retrace any line, nor lift the pencil from the paper until all 9 dots have been crossed.



And away we go!

Distribution List

All the RAND Personnel in Boston Area.
The following RAND personnel in Santa Monica:

- H. Parker
- K. E. Wells
- S. P. Jeffries
- L. Turner
- G. D. Madden
- M. O. Kappler
- W. Biel

THE NEWS RANDOM East Coast Edition

VOLUME I

AUGUST 1956

NUMBER 9

(0.00000000001001)

For your reading pleasure, the "all new" RANdOm News, East Coast Edition, can now be found on desk-tops, wherever particular people congregate. However, the "glamorization" process, which will include photo's, a new masthead, etc. in future issues, does not mean that the RANdOm News has removed itself from the interests and wishes of East Coast RANdOmites. It's still your newspaper - your cooperation will always be necessary for its continuation as an inner-RANdOm information service. Suggestions, constructive criticism, contributions of all types, will be most welcome, as they have been in the past.

WHAT'S NEW AT GHQ

At distribution time, the nerve-center of East-Coast SDD has been trotting at full throttle. Bob Nash and Lou Turner arrived in Boston from Santa Monica, this past week. The first visit in quite a long while for both. Bill Biel, "Kap" Kappler, J. Goldstein and Don Madden were also in the vicinity during the month of July, with Don slated to return shortly. With the new buildings finally on the way, group shake-ups, check-out team planning, and the never-ending processing of new employees -- "relaxation" is a forgotten word at GHQ.

Dave Langfield, formerly

assistant to Wes Melahn, has been named Associate Group Leader with Ben Morris' Group 66.

Florence and her periodical RAND telephone lists, are having a difficult time of it, keeping up with the ever-increasing changes in offices, phone extensions, new hires, etc.

Ina Olofson, girl house-hunter, is on the look-out for any and all housing leads for the benefit of new arrivals at RAND-om. Also, we're indeed happy to announce the recent addition of Ina to the RANDom News "staff" (makes two of us, now!) For housing info, or RANDom News scoops, Miss O. can be reached at Ext. 7220, C-170, Lincoln Lab.

Smoke has begun to rise from the S. A. C. Committee Chimneys -- this must indicate something in the social oven! Could it be succulent steamed clams? Since the proposed Division 6 outing to Round Hill has officially fizzled, your Social and Cultural Committee has picked up the ball, and plans are being laid for a real old New England bake-out (everything from clams to seaweed!) -- expect a bulletin presently.

With mid-summer here, it may be well to note that Joan Erikson is the young lady to see (C-170) in regard to vacation time-slips.

A reminder from Wes' secretary, Phyl O'Neil -- progress reports are still expected on the 5th and 20th (solvency days) of each month.

Physical evidence of the building activities adjacent to the lab, bears proof that the much awaited RAND structures are on their way to realization. Tom O'Donnell expects the first two units to be ready for occupancy before the third week of August.

BUMPS ON THE LINCOLN LOG (Groups 67 and 64)

Recently joining Group 67, victims of the latest Group 61 shuffle, Alex Bumsted, Ed Bobchek, Ken Curewitz and Dick Beeler. Al and Ed are connected with the Documentation section at the Field Station, and Ken is with the Adaptation crew on the hill.

Hank Howell was recently shifted to the Assembly Test section at the lab, after a brief tour up yonder.

Nick Demas and Joe Berman, are the only members of Documentation Section remaining in "C" Building.

2nd Lt. Larry Brown, RAND's gift to the U. S. Air Force, has been assigned to Group 67, shiny gold bars and all -- 'tenshut'!

Chuck Mosmann and Charlie Meadow are now Asst. Section

Leaders under Pat Haverty.

Back at the lab, after an absence of 7 months, the Data Simulation and Reduction Section (soon to be part of Group 64) has completed the cycle-- lab again -- next stop, RAND building? D. S. and R, including RANDites Olsen, Bockhorst, Mackler, Keene, Hibbard, Lumbard, Brauchli nee Long, Clark and your RANDom News office, is now located in B-118-122, conveniently close to the Memory Test Computer.

Also transferred from Group 61 to Group 64, Rick Onanian, the "Sage of Murphy."

Gerry Schissell left on July 28th to join Convair in San Diego, wife Phyl's home-town. Best wishes to the Schissell's in their new venture!

SICK CALL
(News from Murphy)

Group 66 is now located at Murphy, occupying offices previously held by ex-61'ers. At a "break-up" wiener-roast on the hospital grounds, Group 61 served as hosts to 66. Master chefs Onanian and Tower managed to keep all the guests well-fed.

RANDites Paul Hicks and Walter Thorpe are presently in Kingston, N. Y., where they will be taking an active part in checking-out the utility system

for about 30 days. Alex Seidler and Bob Bleier, recent IBM-Class grads, are also in Group 66 at Murphy.

Dan MacNamara, a former G. E. Programmer at the A. E. C. plant in Richland, Washington, is now working with Jimmy Wong.

Jack Plante, Joan Christie and Jim Flaherty, all working on CC planning, have transferred from Group 61 to 66, along with Paul Hildebrandt, Dick Thatcher, Gus Hempstead, Bob Mosier and Carole Romano. This could mean a rapid RAND build-up of this group.

At the RAND-Murphy office, Paul Cook has joined forces with John Pfeil, Marvin Jones, and Shel Briggs in an administrative capacity. Gail Fitzpatrick has been recently added to the office staff.

NEW FACES OF '56

The March of Progress continues down the streets of RAND-om... here they are, from all sections of the nation... 31 states and 64 Colleges and Universities are - at latest count - represented by East Coast RAND... truly a cosmopolitan outfit...!

In classes at Murphy: Margaret Burke, Bostonian, B. C., 1956 - Bob Ramey, Parkersburg, West Virginia, Purdue, '56 - Joe Selinka, Shenandoah, Penn., Penn. State, recent Navy man -

Lauren Doyle, Sacramento, California, former chemist - John Smiley, a wheat rancher from Bozeman, Montana, and Montana State University - Allen Black, Springfield, Ill., 1956 Illinois Univ. grad - Andy Benvenuto, Hartford, Conn., Syracuse University, summer work at Aberdeen Proving Ground - George Pizzoni, Watertown, Mass., B.C., formerly in Industrial Management with Hood Rubber - Tom Howell, Providence, Rhode Island, degrees from Kenyon College (Ohio) and Brown University - John Archibald, New York City, St. Johns University, former teacher - Nora Mullane, Birmingham, Alabama, Alabama Polytech. and Birmingham Southern College - John Cadman, Pittsburgh, Penn., Univ. of Pittsburgh - Al Bartlett, San Antonio, Texas, Trinity Univ. (San Antonio) - George Neil, Attleboro, Mass., attended Skerry's College in Glasgow, Scotland, recently completed a tour with U. S. Air Force - Jerry Sullivan, Cambridge, B.C., 1956 - Norm Cannon, Butte, Montana, attended Harvard - Everett Morrow, Melrose, Mass., dental technician, attending Lowell Institute at M. I. T. - John Sullivan, Lowell, Mass., St. Anselm's College, former teacher and programmer in the aircraft industry - Bob Shapiro, attended Springfield College and Tufts College, just out of the army, from New Bedford - Harold Isbitz, Los Angeles,

UCLA grad, back from army duty in France - Frank Flaherty, Chicago, Univ. of Wisconsin, 1956 - Dick Johnson, Albert Lea, Minnesota, St. Olaf's College, a quality control technician before coming with RAND - Walter Lang, Everett, Mass., another B.S. graduate, recently employed by New England Mutual Life Insurance Company - Barney Fraser, Battle Creek, Michigan, 1956 Harvard Alumnus - Dick Cronan, Belmont, Mass., St. Anselm's College, a bank employe - Murray Glass, Syracuse, N. Y., Syracuse, 1956 grad - Charles Durieux, auditing the class, formerly at Diamond Ordnance Fuse Labs with Art Talkington and Vic LaBolle - Alvin Haynes, Chicago, Ill. - Frank O'Connor, Chicago, Ill., attended U. of Wisconsin, DePaul Univ., and Georgetown U. - Diane Reynolds, North Easton, Mass., Colby College - Louis Rosenberg, Forest Hills, N. Y. - Neal Rubinstein, Harwich, Mass., - Laverne Ruby, Yonkers, N. Y. - David Skilling, another Chicago-ite - Agatha Sicari, Arlington, Mass., Emmanuel College - Milton Winsor, Collinsville, Conn., Worcester Polytech. and U. Conn. - Mary Ruth Wood, Chicago Ill., Northwestern grad - Helen Male, Washington, D. C. - Fred DeCain, Chelsea, Mass., attended Harvard and M. I. T. - Russ Fry, Norristown, Penn. - John Bauerlein, Englewood, Colo.

Don't try to remember these names . . . there'll be a page-

full of new ones next issue!
Good luck to all RANDites in the
new group!

THIS IS YOUR LIFE

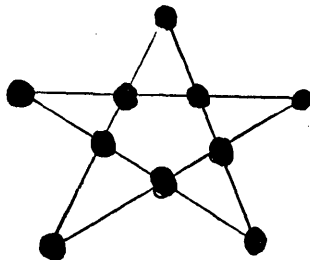
The biographical sketches
must still wait, due to the
space consuming aspect of the
above column. This doesn't
mean that activity on this idea
has ceased. Apologies to Mssrs.
Krouss, Marshall, Hildebrandt,
Wong and Ogg - we hope to in-
clude you soon!

'ROUND and about RANDom

Don't leave now! Stay with
us, Ace, whilst we tour the
inner-sanctum of RANDom as
it appears to our concealed
cameras - First on the docket -
sincerest thanks to RANDites,
Carole Romano and Helen Hughes,
who have done so much in helping
to keep the RANDom News in
print... for their untiring ef-
forts in typing, re-typing, multi-
lith, "ditto", etc. during these
many months... without this
loyal help, it just couldn't have
been done! - The July 27th
graduation dinner for the IBM
Programming Class was held
at the Sherry Biltmore Hotel,
one of Boston's leading banquet
spots. Wes Melahn represented
RAND, and had an opportunity
to meet the sizeable group of
RANDites present... Hal
Wallace, School Director, an-
nounces that all future gradua-
tion affairs will be held at the
Biltmore -- C. Roger Shoch

and his "Ticket Scalpers," tell
us of the availability of 60-odd,
1st base area ducats for the Aug.
21st night game, Bosox vs Chisox
- Stan Benson, remaining in
Group 61, father of a baby girl
in June - Nick Demas and Pete
Petrino, "roughing it" on a two-
week reserve stint with the Marine
Reserve - Mrs. Margot Long
Brauchli has returned from
honeymoon in Europe - Says Ray
Olsen to a perplexed programmer..
.. "Good thing M.T.C. power is
shut off Saturday nights, Ace -
or you'd still be in a loop!" - For
the problem-lovers, another
Wong-o-gram appears at issue's
end... also the solution to Ed
Gross' brain-teaser is included -
Roy Schaub joins the "proud ones,"
Bermuda shorts and all! - Was
Lois' face reddish! To quote Miss
S. during a recent phone conversa-
tion, "Yes, John Phone is on the
Pfeil." - Fred Parker has reach-
ed a new level of extreme popu-
larity in his role as Chancellor
of the Exchequer, keeper of the
purse-strings! - D. S. and R.
section now referred to as the
"nebulous Nomads" - In sporting
circles, the RAND team in the
Lab League has lifted its percen-
tage due to favorable forfeitures
and a win sandwiched in between.
... - The RAND-Lincoln Grp.
61 club in the Murphy League, re-
cently riddled by vacations, put
in an emergency call to other
RAND ball-hawks, and Don Kiley,
Lou Elias and Tom Kurth quickly
responded... (P.S. we were
massacred!) - The RANDom
News Travel Bureau has given

routing assistance to many of the vacation-bound. . . . the most popular trip seems to be the "1, 2, 3 Circle" Route U.S. 1 to Bar Harbor (Acadia National Park - only one in the Northeast), Route U.S. 2 out of Bangor, Maine, a scenic drive along the Pine Tree Trail, from Maine's lake country to New Hampshire's White Mountains, and Route U.S. 3 through the heart of the Presidential Range, along the shores of Lake Winnepesaukee (New England's largest inland body of water), and back to the Boston area. . . . approximately 700 miles of fine beaches, excellent fishing, beautiful scenery, camping areas and motels galore! - Ed Gross' problem in the July issue "A farmer wishes to plant 10 trees in 5 rows of 4 trees each - how, pray tell, can he do this?" - Here's how:



From the brain-cells of James P. Wong, Jr. - "If you have ever ordered poached eggs on toast in a hash-house, you will have heard the counterman shout to the cook:

'ADAM
 AND
 EVE
 ON
 A
 RAFT'

This is really an ancient cabala. By replacing the letters with integers, including zero, you can find several solutions of addition that will give the same result. Find the solution that will give the largest possible total." (Answer in next issue - however, by calling the News, you can check your results with Wong's answer.)

That about does it for August. A reminder - The RANDom News office (America's greatest floating newspaper!) has moved again - now located at the lab, B-118, Extension 5535 - Stu Tower - Also associate editor, Ina Olofson, can be contacted at C-170, Extension 7220. Will we hear from you before the next deadline, August 28th?

SFT

The

RANdOm

News

 east coast edition

VOLUME I

SEPTEMBER 1956

NUMBER 10

(0. 00000000001010)

The culmination of our summer-long plans to improve the appearance of your RANdOm News!

Our sincere thanks to those who have helped make this a realization - to Bob DiPasquali, a local art student, for his work on this original mast-head, and to our printer for his fine service.

WHAT'S NEW AT GHQ

Onward and upward! GHQ has been signing-in new hires at a rapid rate during the summer months. We are nearing the 300-mark!!

Harold Willson, recruiting chief has been given the responsibility to head up the RANd-Lexington personnel activities. Hal will also continue his recruiting work, dividing his time between the Park Square office, quick recruiting trips to the hinterlands, and personnel affairs at Lexington. Good luck, Hal -- and added energy!

Lois Soengen and Helen Hetherington have been joined by Josephine Catalano to aid in the mass Personnel processing procedure. Anita Ward, formerly with Personnel, has left RANd to return to teaching in Quincy, Massachusetts.

Lois reports that automobile loans have been temporarily discontinued by the Credit Union in the Lexington area in order for a complete study on the subject to be made.

Norma Effinger, our pleasant Travel-gal, is leaving for the west-coast -- object: Marriage! Joan Erikson, formerly in Timekeeping, has taken over the varied duties of the Travel office. Laura Brewer, Extension 389, will be the gal to contact in reference to sick-leave, vacation, etc.

Greetings to Don Henley and Bob Bosak! Don,

recent arrival from Santa Monica, serves as administrative assistant to Wes. Bob, a one-time RANdite, formerly with the Computer Group at Lockheed, enters the SDD scene as a Technical Assistant.

Attending the ACM Conference in Los Angeles, August 27-29th, were Wes Melahn, Erwin Book, Blake Ireland, Paul Hildebrandt, Chuck Mosmann, Jimmy Wong, Alan Marshall and Jules Schwartz.

A newly-organized department, Information Services, will be headed by Nick Demas. This department, under the Administrative office, will be directly concerned with mail-room affairs, publications, library, duplicating and allied activities.

A construction bulletin! - Our new buildings, at least their shells, should be a fact by the 15th of September. However, it is deemed more advisable to hold-off on moving until about 15th of October when they should be completed. The balance of the units are expected to be available for occupancy on or about 15th of November. At the same time, SDD buildings in Santa Monica are nearing completion.

Harry Harman, head of SDD's Problem Production Department, was a recent busy visitor to this area. Bill Parks, from SDD's Information Services, also spent some time here, showing an interest in a more constant exchange of news items between East and West SDD.

For all classified documents, Dot Goodwin, C-150, in charge of document control, is the person to see. Newly assigned personnel should be informed of this by their supervisors.

Your Social Committee is not resting for a moment -- by now, a bulletin heralding a proposal for a RANd dance, has been distributed. The committee hopes for a good response to this "feeler" so final plans can be

made.

An important reminder! All RAND men who receive any communications from their draft boards, notify Paul Cook or John Pfeil at Murphy. Also, particularly those who are in Class I, II or III, notify them of any changes which might affect such status. In any case, your local board must be told of a change in address within 10 days.

The Cook-Pfeil team also wishes to remind all those from out of state that they should be aware of any Massachusetts requirements that must be met, in regards to auto registration and/or operators' licenses. This state has reciprocal agreements with other states as to registrations and licenses. Any questions on these much-discussed topics, can be taken to Paul or John, as they have reciprocal listings.

GROUPS 67 & 64

Many recent class graduates have been assigned to Group 67 sections. It appears that RAND outnumbers Lincoln in this activity now.

Joe Guerrera, with RAND since September, has left to join Hamilton-Standard's engineering course.

Sid Shaw, having left a few weeks ago, intends to return to Harvard to study City Planning.

Arnie Erickson is now with General Motors, attending a training school in Milwaukee.

Fran Sweeney and George Cox are the only RANDites in Group 62, working on demonstration program problems, while Bob Anderson, Evaluation Group, has been assigned to a tour of duty with Group 22.

Hank Brodie and John Smiley, recent IBM class grads, are now in ESS Planning, Group 64. Ray Olsen, formerly ASL with Data Simulation and Reduction has transferred back to Murphy and Group 66.

SICK-CALL

(Groups 66, 61 and IBM Class at
Murphy Army Hospital)

Dave Langfield, Associate Group Leader (66), has returned to Numerical Analysis work in Santa Monica, after a 7-months stay.

With Group 67 using the bulk of available XD-1 time, Group 66 has found it necessary to set-up computer operations at IBM's Kingston (N. Y.) plant. RAND personnel already located at this site, are Paul Hicks, Walter Thorpe, Charlie Justice, Pat Stanton, Barry Bragen, and Dick Galbo. More expect to follow.

Ro Raffa reports that members of 66 and other invited guests were present at a showing of two interesting films - "Counterbalance" and "The STP Story." Harry Harman, SDD-Santa Monica, followed the latter film with a most descriptive talk on the principles and practices of STP, followed by a question period.

Stan Benson and Harry Gould, the last of RAND's representatives with Group 61, have been bolstered by the assignment of Vic LaBolle (Evaluation) to the group. Other members of the Evaluation group who have been "farmed out," are Ronnie Ketchel (66), Charles Durieux (67), Art Talkington (61) and Bob Anderson (22).

NEW FACES OF '56

Presenting:

10 new RANDites in the current programming class from the Empire State: I. Marvin Beriss, Brooklyn, Brooklyn College, formerly doing cancer research with the American Cancer Society -- Carl Cagan, Brooklyn, NYU and Univ. of Paris (France) -- Albert S. Mincis, Brooklyn, NYU and Columbia University, was with the Bureau of the Census before joining us -- Morris I. Bolsky, Brooklyn -- Edward McKenna, Long Island City, CCNY, worked with the Federal Power Commission -- Arthur M. Rosenberg, Yonkers, -- Frederick W. Young, Far Rockaway, Queens College -- Richard D. Clark, Depew, Buffalo State Teachers College and Univ. of Buffalo, an ex-teacher -- Philip Loiterstein, the Bronx -- Eugene H. Sydow, Binghamton. -- 8 of our new programmers hail from Massachusetts; Ruth E. Simitian, Cambridge, University of Colorado, formerly with Arthur D. Little, Inc. -- Paul T. Shortell, Salem, Massachusetts Maritime Academy, recently served with the Navy -- Joseph J. Farinello, Medford, Northeastern University, former engineering technician -- Lloyd J. MacDougall, Stoneham, a B. C. man, just out of the army -- Vincent C. Connors, Arlington, another B. C. man, recently with the Massachusetts Insurance Department -- Albin A. Gesek, Salem, M. I. T., ran a sales training organization -- George F. Putnam, Cambridge, attended Wesleyan University and Harvard, was an engineer's aide with MacDonnell Aircraft -- Charles J. Sadlier, Lowell, graduate of Holy Cross, former chemist. - And from various other parts of the country, we have; John O. Neilson, Chicago, Ill., Joliet College, Augustana College, and Univ. of Chicago -- Joseph M. Sherman, Arlington, Va., former Government Economist -- Raphael Miller, Highland Park, N. J., Brooklyn College, -- William O. Crossley, St. Louis, Mo., Washington Univ., ex-teacher -- John H. Schueltz, Warren, Penna., Thiel College, and Pennsylvania State University, former accounting clerk -- David C. Seim, Cincinnati, O., Hanover College, another ex-teacher -- Carol J. Anderson, Minneapolis, Minn. -- Paul C. Hatton, Warren, Rhode Island -- Robert W. Kirk, Philadelphia, Penna. -- Paul C. Tiffany, Barrington, Rhode Island, attended Harvard Univ. -- Nicholas A. Vassalotti, Hatboro, Penna., Univ. of Pennsylvania. GOOD LUCK, RANDites!!

'ROUND AND ABOUT RANDOM

Hear ye! Hear ye! The RANDom News

is politically neutral - and intends to remain so! In fact, we didn't send one reporter to either Chicago or 'Frisco! However, we urge all RAND-ites to exercise their franchise! If you're from another state, and find that you are ineligible to vote in Massachusetts, write to your former place of residence (city or town hall) for information regarding absentee ballots!

Like other outstanding newspapers throughout the nation, RANDom News will accept "Letters to the Editor" at any time... suggestions pertaining to this possibility, have been received during the past month. Address your note (keep it short, and to the point, please) to Stu Tower, Editor, B-118, at the Lab... it will be published in tact in the next issue. If you wish, your name can be withheld. - Genial Bob Krouss is vacationing in Canada, while the Art Bancroft's are touring sunny Florida - The News has recently received a chatty letter from our old friend and colleague, Jinny (Virginia) Fuller... from Oakland, California... with regards to all of her RAND friends. - "Ace" Ray Olsen has decided to stay here, rather than go back to Santa Monica... he has recently moved to Billerica Gardens -- Don Madden and Ro Raffa represented RAND at the most recent IBM class banquet... Don addressed the gathering with appropriate remarks - Bob Gardner, with three sons, has finally become the father of a baby girl... Congratulations, Gardners! - The Paul Hildebrandt notes on Coordinating Committee meetings, are certainly to the point! - Have you seen Roger Shoch's package-deal for Boston Garden 1956-57 Sporting Events (including rodeo, ice-chips, hockey, circus, college and pro-basket ball coupleheaders, etc.)? The old ticket-master has really come up with the master-stroke this time! - Speaking of strokes, the City of Arlington's Gift Package to RAND (Walt Duffy, Jim Flaherty, Joe Keohane and Paul MacIsaac) leads the golf league in team play. The "Spy-Ponders" have been

knocking-off all Pine Meadows enthusiasts this summer! - The RAND-Lincoln team in the Murphy Softball League, ended its season with a victory and a 6-6 record. The RAND team in the Lincoln Lab League has gone over the 500 mark, according to latest reports. - Ronnie Ketchel and Bob Anderson, Evaluation group members, are currently attending professional meetings... Bob is at the American Statistical Association Convention in Detroit... Miss Ketchel is in Chicago with the American Psychological Association. - Here are some definitions for your growing vocabulary: clarification -- "to fill the background with so many details, the foreground goes underground." - the three major sources of information hereabouts are as follows: reliable source (the guy you just met!), informed source (the guy who told the guy you just met!), and the unimpeachable source (the guy who started the danged rumor originally!) -- Answer to Jimmy Wong's cabala, 9 8 7 1, contrary to those who disagree with the letters being assigned these numbers... A (8), D (3), M (4), N (0), E (6), V (2), O (5), R (9), F (7), and T (1) - The clambake held on August 18th, proved to be an enjoyable afternoon at Stage Fort Park, Gloucester. More than 150 RANDites and their families enjoyed the sun, sand and swimming... and not the least, the satisfying clam-lobster meal! - A hearty thank you to a hard working Social-Cultural Committee! -- Here's a brain-masher by Dick Condon... A wealthy citizen has his chauffeur pick him up promptly at 5:00 P.M. at the train station. By taking an earlier train, the gentleman comes in at 4:00 P.M. one day, starts walking home, meets the chauffeur on the way, and arrives home 20 minutes earlier than usual. At what time did he meet the chauffeur? Another, from the desk of Paul Guinee... given a full coke bottle and a marking device, a person must finish up with an amount of liquid (in the bottle) equal to exactly 1/2 the total volume of the bottle. (No other instrument or aid may be used.)....

INTO SEPTEMBER WE GO!

xxx

(Ed. Note: Don't forget the RAND Sage-Rage Dance! October 20, 1956; Hotel Statler, Boston; music by Baron Hugo and his 10 piece band.)

The

RANdOm

News

east coast edition

VOLUME I

OCTOBER 1956

NUMBER 11

(0.00000000001011)

The voice of RANdOm, nearing the end of its first year in print, enters the autumn scene with a variety of stirring items - extended work week, field news, Sage-Rage dance, even newer new faces - news and views to be perused by the confused and the amused!

WHAT'S NEW AT GHQ



October headliner - the extended work week (hereafter referred to as EWW). The daily kick-off time will now be 7:30 a.m., with the final gunscheduled to blast off at 5:15 p.m. These hours will continue for all SDD personnel in the Lexington area until further notice.

Policies pertaining to the EWW effect on vacations, sabbatic pay, sick leave, etc., will be stated as soon as they are decided upon.

M. O. Kappler, Division Co-Chief, Bob Nash and Don Madden have been in and out of the local scene during the past month. Bob has been hard at work on problems concerning housing facilities for RANdites in the field, and other pressing field administration tasks. Kap and Don have been in numerous huddles with Wes, and top level Lincolnians, making GHQ an area of smoke-filled rooms and steady activity.

Paul Cook, formerly at Murphy, is now located in GHQ's C-151, as assistant to Hal Willson

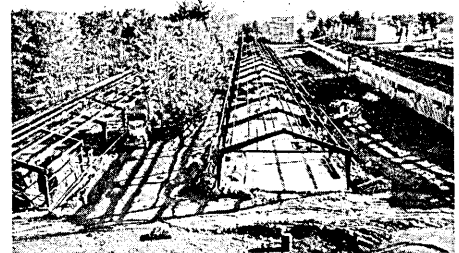
in personnel.

Nick Demas, back from a business visit to SDD in Santa Monica, is setting up Info Services which will soon be located in new building #2.

The conclave on September 11th, filled the cafeteria more noticeably than the latest Sage Symposium. Looking around, few RANdites could recognize more than a small percentage of the total number of attendees. Even Wes, upon addressing the group, thought it necessary to introduce himself...preview of things to come...wait'll next year!!

Welcome to Paul McAdams who is working with John Pfeil, coordinating the construction of new buildings among other important jobs. Paul joined RANd more than a month ago.

"Tenants" in our new buildings will include this group of allied outfits: IBM, Western Electric, Bell Telephone, AC&W, and the 4620th Air Defense Wing. No problem meeting the mortgage here!



John Matousek, head of the 704 Program Development Group back in Santa Monica SDD was seen in the role of visiting "fireman" when he sat in on a Coordinating Committee meeting, exchanging computer news with former Santa Monicans. John also

gave a brief report on the progress of building activity in regard to SDD expansion.

GROUPS 67.- 64

Paul Hildebrandt has recently transferred from Group 61 to 66 and finally to 67 at the lab. Paul is currently tussling with XD-1 programming literature while awaiting an assignment.

Also back to the lab from the house on the hill, are Adaptation crew members Bill Eastman, Gerry Tolpin, Art Bancroft, Don Crowson, Margaret Burke, Nora Mullane, and the happy wanderer - Roger Shoch. Rog becomes the first RANDite in our weakening recollection to make the complete cycle. . . lab to field station to Murphy to field station and back to the lab. . . do not pass "GO", do not collect \$200!

George Cox and Fran Sweeney are located in D-232, as staff members of Group 62.

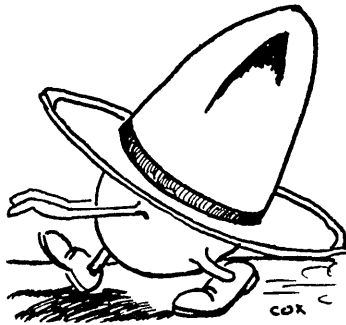
Opex (operational expert) training classes are continuing on a one night per week basis, with a new roster of selected personnel, including many members of Adaptation. Margaret Clark has moved out of C-145 to the Data Simulation and Reduction area in B-118 (Group 64).

Departures during September were Ed Gross, Charlie Meadow and Ken Curewitz, all from Group 67. Ed is heading for Underwood's computer lab, Ken to Ramo-Woolridge in Southern California, and Charlie to General Electric.

Stan Benson and Vic LaBolle, now the lone RANDites in Group 61 since Harry Gould left for Republic Aviation, are back in lab circles, with other Group 61 people.

Alan Marshall is continuing his Monday "after-hours" class on Advanced Coding Techniques. Approximately 20 people have been participating in these discussions.

NEW FACES OF '56

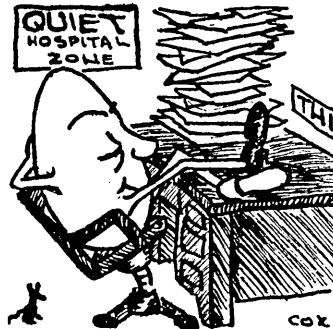


Presenting:

RANDites in the September 4th programming class. Ronald R. Bender, Albuquerque, New Mexico, University of New Mexico, formerly with the telephone company -- Sarah C. Bowman, Boston, Hollins College (Virginia), an ex-Real Estate Broker -- Charles N. Carter, Fort Worth, Texas, Texas College and Southern University -- James L. Cogley, Grinnell, Iowa, Iowa State College -- Joan Ealey, Atlanta, Georgia, Spelman College and University of Cincinnati, former teacher -- David R. Frost, Tempe, Arizona, Arizona State College, another ex-teacher -- Clayton G. Henry, Kansas City, Kansas -- Samuel Jennings, Boston, Northeastern University --

William G. Kellner, New York City, Columbia University, a former buyer for a department store -- David S. Kligman, Bronx, New York, CCNY, ex-teacher -- Patricia A. LaFortune, Belmont, Massachusetts, Bates College, ex-chemist -- Ross L. Mantione, Pittston, Pa., Wilkes College, former electronic technician -- Gerald S. Nally, Watertown, Mass., University of Massachusetts -- John R. Novicki, South Boston, Mass., Boston University -- Martin F. Owens, New York City, Queens College and Western Reserve University, recently serving with the Air Force -- Dolores J. Reguera, Cambridge, Mass., Simmons College, formerly doing biological research -- John Passanante, New Jersey, NYU, ex-chemical engineer -- David Sternlight, Hartford, Connecticut, M.I.T., working with computers since 1952 at M.I.T. and in Washington -- Beverly J. Vanice, Kansas City, Mo., Kansas City University, University of Missouri, and N.Y.U., formerly with a management consultant firm -- Edward C. Weber, Albany, N.Y., Syracuse University, ex-Insurance agent -- Irving Wescott, Omaha, Nebraska, Tufts University. GOOD LUCK, RANDites!!

SICK-CALL
(News from Murphy)



Ray Olsen, Group 66, has been assigned to Kingston to join the large group of RANDites located at the IBM plant. Other recent transfers to Kingston include Russ Fry, Warren Manison, Ronnie Goldman, Cliff McMullen, Bob Shapiro, Murray Glass, Dave Skilling, and Al Bartlett. Paul Hicks, representing Group 66 RAND-at-Kingston, attended the September 27th Coordinating Committee meeting with regards and comments pertaining to the activity there.

Meanwhile, Group 66 continues to line its ranks with RAND personnel as they complete the IBM class. Old-timers Wong, Plante, Joan Christie and Jim Flaherty are getting mucho company at Murphy.

Gus Hempstead has resigned from the organization, and will be leaving for the west coast shortly.

Bill Miller and John Crnkovich are the RAND stalwarts in the EPSCOM group at Murphy. These gents are located in the Bell Labs wing, 134-B.

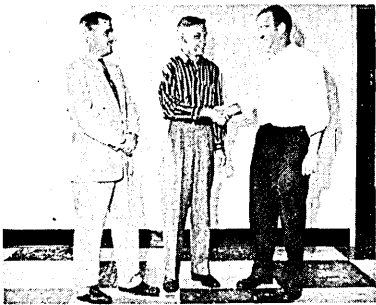
As for the IBM classes, there are currently over 60 RANDites attending school at the hospital . . . with the recruiting drive still going strong!

'ROUND AND ABOUT RANDom



Drag up a chair and park your troubles! First on the monthly agenda . . . thanks to Art Rosenberg for his fine work in producing the Golf team pix, and to George Cox for his original cartoon work covering this issueRANDOM

News would appreciate any comments on future photo ideas -- As for George's "egg-head" characters . . . implications, you say? Certainly not! -- Ina Olofson has officially become Ina Bernard . . . married this past month -- Also congrats to Lois Soengen who will be changing her name come November 24th when she marries Paul Breck of Boston -- It's Fran Sweeney, 2 to 1, with a set of twin dolls, total weight 12 lbs., 15 ozs., nosing out the Tower's new addition, a gal, born on September 8th -- Methinks 'twould be simpler to bring a 75mm weapon through the lab gates, after going through security channels to admit Art Rosenberg and his camera. -- Margot Long Brauchli is quick to volunteer for McGuire visits, with husband Chris stationed at nearby Fort Dix -- Walt Duffy and his bride are honeymooning it in Florida, no less. -- The winning golf team in the RAND Golf League. . . the Arlington Foursome of Duffy, MacIsaac, Keohane and Flaherty! (Erin, go braugh!)



Winning Golf Team
(l. to r.) Flaherty and Keohane, being congratulated by Chairman, Tom Kurth.

Hail to the winner! Art Doll came out of the September 29th RAND Golf Tourney, as the victor, with a net score of 89. . . . The league, in its first year of action proved to be a great success, thanks to the untiring efforts of Social Committee representative Tom Kurth, Tournament Chairman Paul MacIsaac and the loyal turnouts on match days -- Dick Condon has come up with a "home brew" recipe to compare with Annheuser-Busch . . . a long list of ingredients and instructions go to make up his Giant Imperial Quarts -- Answer

to Dick's chauffeur problem, 4:50 Paul Guinee still holds the answer to his coke bottle puzzler -- The RANDom News Research Staff is currently at work compiling an up-to-date geographical distribution list which will appear in the November anniversary issue. . . we have already found that 31 states are now represented by east coast personnel. -- If you have any trouble opening your file combination locks in the morning, don't hesitate to call LA-3-5100 and ask for Mr. O'Keefe, or more intimately, "Specs" -- Look-alikes. . . Alan Marshall and Shakespearian enthusiast John Carradine. . . Ares Bogosian and cine-mactor Victor Jory. -- Have you recently noticed the For Sale ads announcing such hard-to-get items as pre-war Thormish converters and varnished wheel-base gaskets? -- Tickets are now on hand for the RAND Sage-Rage dance. . . be an early bird and get one right away (make it two!) -- Sunday, September 30th. . . 1st Annual Woodchopping Contest. . . at "Manderlay", overlooking Beaver Pond, South Lincoln, . . . 20th Century Paul Bunyan, Les Wilson of Lincoln Lab, handily defeated the RAND stalwarts, "Moose" Mosier and W. M. Mineart, in a blistering 2 hour axe-wielding match. . . after winning the first event by completing his task in 31 seconds (to the next man's 3 minutes), the outcome was never in doubt. -- Yes, there will be glass windows in the new buildings! -- Lets hope for a mild winter, especially if you must drive to the lab before the plows get out! -- World Series time is here again. . . but as usual, the Red Sox season has ended. -- For sports enthusiasts, New England offers a variety of fall and winter activities. . . excellent ski areas a few hours to the north, outdoor ice skating, pro-basketball and hockey at the Boston Garden, and college football in Boston and Cambridge (Harvard, B.C. and B.U.), Worcester (Holy Cross), Providence (Brown) and at some of the smaller college campuses throughout the area. -- Harry Bridge, Lincoln's gigantic brain, offers a spanking new phonetic alphabet to RANDom News readers This work of art supersedes the antiquated Able, Baker, Charlie, Dog code of WWII and the more recent Alpha, Bravo, etc. . . with tonque in cheek, and hand in dictionary, here we go. . . . A as in Aesop, B as in bdellium, C- czar (see S and T), D - djin (gin), E - eureka, F - folk (see V), G - gnarl, H - hour, I - Igor (ēgor), J - Jose' (hosa), K - knight (see N), L as in llamo (yamo - Span.), M - mnemonic, N - night (see K), O - Oedipus, P - pneumonia, Q - quay (ke) or Quito (keto), R - ring (see W), S - Saar (see C and T), T - Tsar (see C and S), U - Uitlander (oit' lander - Dutch), V - volk (see F), W - wring (see R), X - xylophone or Xerxes, Y - ytrium or Yma (as in Yma Sumac) or Ypres, Z - zwei (tsvī - German). . . . Keep up the good work Harry. . . next time the long distance operator asks for phonetic spelling of the name you're trying to reach, toss this at her! -- Hold tight for another Wong-o-gram! . . . Strange Silhouettes-

circle - square - triangle - Mr. Wong has a familiar object in his hand. If he holds a candle under it, the shadow it casts on the ceiling is circular...holding the candle on the south side of the object, the shadow on the north wall is a

square...finally, holding the candle due east, the shadow cast on the west wall is triangular... What is the object Jimmy is holding?... Watch for the answer in the next RANdOm News (try to get it before Jimmy's fingers are burned!)

RANdites !!

DON'T MISS OUT ON THIS!

RAND's SAGE-RAGE DANCE

SATURDAY EVENING

OCTOBER 20th, 1956

HOTEL STATLER
(PARK SQUARE, BOSTON)

GEORGIAN ROOM & PARLOR "A"

BARON HUGO AND HIS 10-PIECE BAND

----- ONLY \$1.50 PER PERSON -----

* * *

RANdOm

News

 east coast edition

VOLUME I

NOVEMBER 1956

NUMBER 12
(0.00000000001100)

Anniversary time is here.....November marks one year of East Coast RANdOm News.... In November, 1955, the first so-called "test Edition" made a surprised appearance to a group of less than 50 RANdites!!! Today, 12 issues later, our distribution list numbers close to 400, with copies being sent to Kingston, New York, McGuire Air Force Base, New Jersey, and both SDD and Main RAND in Santa Monica. We have also negotiated with the Boston Post for control of its Sunday comic section.....outbid by the Herald, however.....but watch for other changes as the months go by the board. Our list of "thank you's" to all those who have lent us a helping hand during the eventful year is large, indeed.....to our administrative consultants, Wes Melahn and Tom O'Donnell, out typing corps, Phyl O'Neill, Carole Romano, and Helen Hughes, Roger Duchesneau of the Reproduction Room at Murphy, Ina Olofs on Bernard for her untiring work in setting up the "new" News, Roy Mitchell of the Lincoln Photo Lab, Al Marshall, Nick Demas, and Rog Shoch, and to Ro Raffa and Gail Barlow for their recent help in supplying the News with info on "New Faces"...also to the many contributors, headed by Jimmy Wong, our ace problem provider....thank you!!

WHAT'S NEW AT GHQ



The nerve - center throbs on!! The President and Vice-President of the RAND Corporation, Mssrs. Frank Collbohm and J. Goldstein, and Glad Putt, Research Administrator, were in Lexington last week, for a short business visit. Other West Coasters recently

in town were Loie Gill of the Travel Office, Ken Wells, Fred Suffield, Will Schaefer, Ted Parkin, and Bob Dennis. Kap and Don Madden are in town at this writing. (For a guess, we'd say things are cooking on the warm side!)

Hal Willson and Don Henley recently returned from their latest drive in the new recruiting effort, with the planned pincer movement reaching as far south as the nation's capital. Other trips are scheduled in the near future, with ads appearing in many of the country's leading newspapers.

New personnel in the GHQ area, include John Smiley, formerly in Group 64, and Helen Hughes, stationed at Murphy since last winter. John has been assigned to aid Don Henley in his multi-efforts, and Helen has come to "C" building to work with Joan Erikson, girl Travel Agent, in that increasingly busy office. It is important to mention here, that due to the necessary amount of paper work attached to travel requests, these girls must have adequate notice from the staff members in order for travel orders to be processed in time to catch that plane.

Tom O'Donnell is pleased to announce the noticeable progress being made "next door"..... The RAND Buildings are taking definite shape, and #1 is nearing "occupancy" status. The completion of the remaining seven units should follow in short intervals, and a large parking area will be ready also. For those in the lab, an exit at the far end of "C" building will make it convenient for inter-building travel, with a similar side entrance being planned for Building #5 across the way (Who are the volunteer snow removers, come the first storm?)

A number to remember.... Laura Brewer, timekeeper, is now on extension 162. A date to remember.... November 22, Thanksgiving Day, and the day following, Friday November 23, will not be worked by RAND personnel at the Lexington site. The previous Saturday, November 17, will be considered a regular work day, however. Also, Monday, November 12th will be a holiday as Veteran's Day falls on the preceding Sunday (for Lexing-

ton site only.)

The month of October included Coordinating Committee meetings sprinkled with visitors. Lou Turner, Head of SDD Administration, and Steve Jeffries, Secretary of the RAND Corporation attended the October 11th meeting, offering interesting news concerning EWW vacation, and the proposed educational plan. The collective mug shots below are for your reference. Do you know your Coordinating Committee Representative? Take a gander, find him, and mark him well.



Coordinating Committee

Front Row: Henley, Melahn, O'Donnell, Willson
2nd Row Olsen, Raffa, Wagoner, Wong, Metcalfe, Demas, Tower, LaBolle, Schwartz. Back Row: Smiley, Mossmann, Mineart, Hildebrandt, Haverly, Davison, Ogg, Bosak, and Marshall.

The October 20th Sage-Rage dance turned into a fine affair...over 250 people, RANDites and their guests, had a pleasant time of it, dancing, mixing, and gabbing... (meek confession -- none of the photos came out well enough to be printed in this issue --- reason: weak flash bulbs, slow film, grossly amateurish photographer!!!!)... Many familiar faces were missing, but we look forward to seeing them at the next Social Committee get-together. In trying to please "all of the people all of the time", your hard-working, loyal committee members have given much of their time and effort. Even if this goal has been only half-realized during this past year, the committee has felt nothing but satisfaction in carrying out their all-important task. RANDom News, in a non-partisan vein, offers congratulations to this group for a job well done! Even now they are at work planning a Christmas affair. Any suggestions????



Social Committee

L to R: Mineart, Demas, O'Neill, Tower, Kurth



Lincoln representatives from group 67, Herb Bennington, Jack Arnow and Charlie Zraket have been in attendance at the Coordinating Committee Meetings during the past month. "D" Day, December 1st, is fast approaching - ironically, it falls on a Saturday. A joint Group 67 Supervisory Staff Committee has been organized, meeting each

Monday Afternoon.

A one-hour demonstration run, a milestone in assembly testing, took place on October 16th, including among other phases, a display of track symbology. The Operation sub-section has been working around the clock, in preparation for the deadline date, operating the DCA system for the assembly test areas. Marilyn Ilger, a member of this section, is leaving RAND....object: marriage. Congratulations and good luck!

Hank Dowst, Tom Koeske, and Al Bongarzone, a trio of newcomers awaiting IBM classes, spent two exciting weeks working hand calculations for the Data Simulation and Reduction section of Group 64.

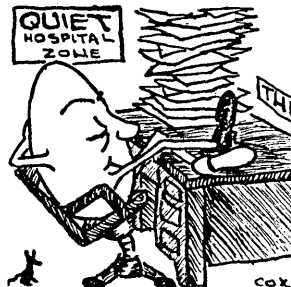
Steve Buchanan, Group 22, has joined Bob Anderson in that group, as a member of the Evaluation team. Bob, by the way, has been doing a fine job of reporting news to your News editor. Thanks again, Bob!

The group currently planning the Combat Center program, includes RANDites Joan Christie, Jim Flaherty, Jack Plante, John Bauerlein, Norm Cannon, and Dick Johnson. These folks are stationed at Hilltop House.

A unique Sage Indoctrination course for secretaries and clerks, is currently underway through the efforts of John Carson's (Lincoln) DCA Op. Control section of Group 67, reports lecturer C. Roger Shoch (it seems we've heard that name before!). The purpose of such a course is to acquaint these young ladies with Sage terminology, and a general concept of the system, in order to promote more interest and a greater understanding for the girls who will be, and are, doing the important office work (typing, filing, etc.) involved. The dates for the proposed lectures, are November 13th, 20th, 27th, from 1 to 2 in the afternoon, in B-135.

SICK-CALL

(News from Murphy)



Probably the last "sick call" column, after a run of nearly one year. With our immediate evacuation, or shall we call it "discharge" from the old halls of Murphy, this column will soon be entirely devoted to Group 66 and news from the field. The "Murphy Era" is coming to a

sudden close! Ro Raffa's "Breakfast Club", a 7:30 - 9:00 a.m. meeting with an audience made up of the large group of programming students, has introduced many interesting guest speakers, including Don Henley, Hal Willson and Bert Wolin. Rick Onanian, formerly of Group 64, has been sent to Murphy to aid Ro Raffa. a formidable team!!



Class #16, October 19th

Front Row: Ealey, Bowman, Pulk (IBM), Hayes (IBM), Henley (RAND guest), Vanice, Wallace (IBM School Manager) 2nd Row: Requera, Owens, Nally, Passanante, Bender, LaFortune, Wescott. Back Row: Weber, Frost, Cogley, Carter, Jennings, Mantione, Novicki, Kellner.

Steve Button, formerly with Air Information, is now aiding Bob Nash in Field Administration problems, and eventually will come home to roost as a Group 66 administrator.

Andy Sweetland has arrived from Santa Monica, joining 66's Training and Evaluation project. Also, welcome to Andy Kinslow, who has joined the group, working on Group Analysis.

Pat Havery, with the Master Program effort from "Day one", has taken over as Associate Group Leader in Group 66. He is working with Lincoln's Ben Morris in directing the activities of this rapidly growing group. Says Jimmy Wong, one of the able crew leaders, "The prevailing question over here seems to be 'What's the latest concerning the Kingston) and I?'"

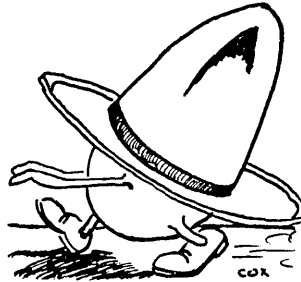
Hudson Valley Views. what about Kingston? Ray "Ace" Olsen attended a recent coordinating committee meeting and commented on the training and assembly checkout activities. RAND folk in Kingston are undergoing utility training in preparation for checkout activities. Paul Hicks, supervising the training of these RAND people, gave out a list of the McGuire folks in an exclusive interview with the News during his latest visit to Lexington. At work installing the utility system at the Jersey base are Walt Thorpe, Charlie Justice, Barry Bragen, Joe Selinka, Bud LaGrange, Ronnie Goldman, Russ Frye, and Bob Shapiro. pioneers in the field.

John Pfeil, on a recent visit to Kingston, did some quick analysis on the crucial auto-registration problem.

In your "'Round and About" column this month, you can find some further information on Kingston and McGuire. hope to cover each site as it becomes unclassified, in an attempt to answer questions from prospective residents, concerning the general locale, geographical descriptions, transportation and educational facilities, etc. call it propoganda if you wish, but the facts will be there.

Attention Kingston crew! If you have any news-worthy items for the RANDom News, pass it on to Paul Hicks or Ray Olsen. they in turn can call it in on the tie line. (Stu Tower, Ext. 5545 at the lab.)

NEW FACES OF '56



Presenting:
Earle Williamson, South Weymouth, Mass., Boston University, formerly with the Cancer Research Institute - Al Bongarzone, another South Weymouth man, Tufts, an ex-teacher -- Delores (Dee) Smith, Denver, Colorado, Colorado U., former draftsman -- Chrystel (Chris) Pugh, Forest Hills, New York,

Barnard College, -- Henry Dowst, Boston, Bowdoin College, recently discharged from the Army -- John Dodson, Jr., Austin, Texas, U. of Texas, former Methods Analyst, -- Henry (Joe) Bass, Indiana, Purdue, -- Alvin Reed, Buffalo, New York, CCNY and NYU, former statistician, -- Alfred Baker, Ohio, Ohio State U., ex-teacher - Donald Johnson, Maine, Colby and Harvard, ex-teacher -- Jacqueline (Jackie) Williams, Little Rock, Ark., Hendrix College. -- Dick Buba, Providence, R.I., U. of R.I., - Elizabeth (Betty) Everetts, N.Y., Albany State Teachers College, formerly with Rama-Wooldrige Corp. -- Elizabeth (Lisa) Powell, Mountainside, N.J., Smith College, formerly with Merrill Lynch, Pierce, Fenner, & Beane. -- Frank Schell, Bedford, Boston College, -- Carle Williams, Binghamton, N.Y., Harpur College, -- Jose Lathrop, Denver, Colorado, Denver U., -- Al Cooperband, Quincy, Harvard, -- Sam Hockeiser, Belleville, N.J., Columbia Univ., formerly with the Internal Revenue Service. -- James (Jim) Keena, Salina, Kansas, Kansas State -- Robert Bichel, Wakefield, Nebraska, Nebraska State Teachers College, -- Douglas (Doug) Harrison, Melrose, Mass., Tufts College, --.

GOOD LUCK RANDites!!!!

'ROUND AND ABOUT RANDom

Down the stretch we go! Let's get this Bockhorst quip out of the way, first off. says John: "Are you going to be a winner, or an also RAND!" (Corn is in season!). Morrie Mineart comes up with basketball news. a gym, same as last winter, has been signed up. the Ditson School gym, Pinehurst, which is on Route 3A, south of Billerica. the first get-together for would-be hoop-

RANDOM

News

 east coast edition

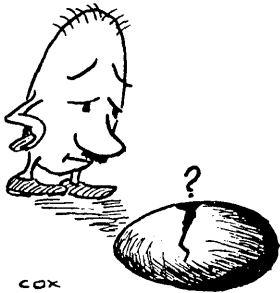
VOLUME II

DECEMBER 1956

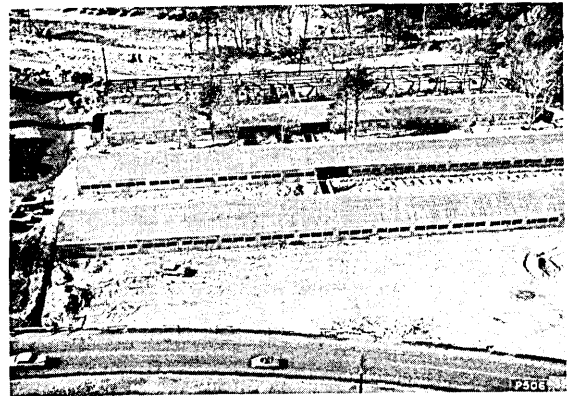
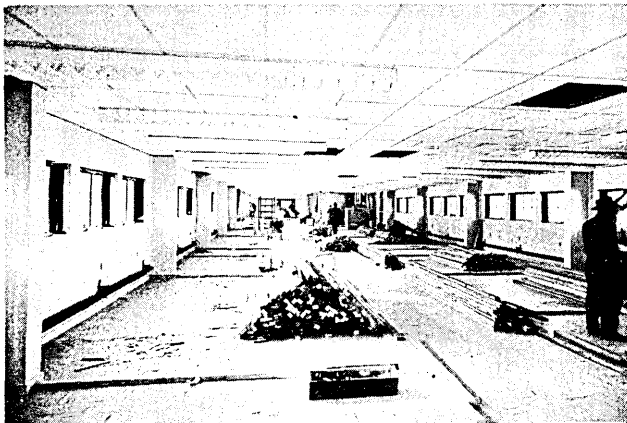
NUMBER 1
(0.000000000000001)

Holiday season is here again! - Christmas, the New Year - preceded by the December issue of your RANdOm News, with 30-days-worth of news, views and comments on the Lexington scene - and a field communique here and there!

WHAT'S NEW AT GHQ



For world - shaking, policy - making copy, its GHQ 4-1!! Leading headline goes to the new RAND buildings, adjacent to the lab. Personnel are now at home in Building #1, with the IBM classes, RAND staff, and parts of Group 66, already in tow, and the remainder of 66 about ready to follow from Murphy Army Hospital. Below are photo's showing work being done on the interior finishing, and a birds-eye view of the completed exterior.



Dr. Bill Biel, Co-Chief of SDD, visited the Lexington area during the last week of November, bringing with him news of the future plans for the division. At the Coordinating Committee meeting on the 29th, he introduced the proposed plan, which was later announced to all RAND personnel in the division.

Florence Dewar, with GHQ since SDD arrived at Lincoln Laboratory in July, 1955, and a RAND employee since 1951, has resigned. Florence expects to return to Southern California sometime after December 7th. Her many friends, acquaintances, RAND and Lincoln Co-workers join with the RANdOm News in wishing her the best of luck for the future.

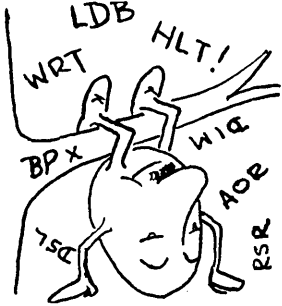
Lincoln's Family Day, December 1st, provided an opportunity for many RANDites to show their families the complete lay-out -- the computers, ESS direction center, offices, etc.

John Smiley reports that all No. Truro trips are cancelled until further notice. Meanwhile, field trips to McGuire are taking place frequently, affording nearly everyone a chance to visit Site #1.

One travel gal follows another - Letty Doddridge is spending a few weeks with the Travel Office, before returning to her post at the SDD Travel Office in Santa Monica later in the month.

Joanne Prochaska, formerly with Dot Goodwin in the Document section, was guest of honor at a Baby Shower held on November 29th. Good luck, Joanne!

GROUPS 67 - 64, etc.



Gerry Snodgrass of SDD's Problem-Planning Department, has come east to join Group 64's Test Planning activity. He will also make frequent business trips out to the coast as part of his assignment.

Howard Metcalfe, Lyle Haas and Joe Keohane have been

conducting seminars dealing with problems and techniques unique to the Group 67 programming effort.

A Group 64 staff-training program was held recently, including a visit to Truro, a tour of Bedford Air Base (close-up views of the fabulous F-101, the massive AEW plane, data-link equipment, etc.), and a series of lectures concerning the activities of the Test Planning, Test Analysis and Programming sections, in relation to ESS Shakedown.

A recent lecture on the capabilities of the TX-2 computer proved interesting and informative to those attending.

Twenty RANDites from Groups 67-64-61 and 66 are currently in New York attending the annual Eastern Joint Computer Conference (Dec. 10-11-12).

Bill Eastman, (Feb. 1956), has left for a position with DATAmatic.

Presenting, Group 67 stalwarts: Bob McGill, Howie Metcalfe and George Sioras -- in conference.....



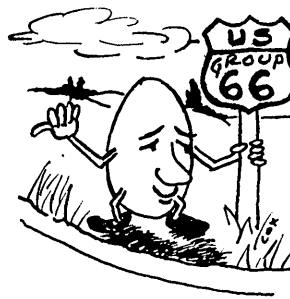
The Problem Production Department has sent Betty Jane Corwin to work with Group 22. Jack Plante is now representing the Field Station crew at Coordinating Committee meetings.

William F. Harris Memorial Fund

A fund has been established in memory of Bill Harris, Lincoln (Group 67), known as the William

F. Harris Memorial Fund. Bill was killed while operating his automobile in Concord on the morning of June 21, 1956. Many of his friends and associates have desired to express their regard for Bill in some lasting way. Thus, a committee has been formed, to build a fund in his name. This fund will be used for scholarship aid at Purdue University, where Bill was a scholarship student in the class of 1951. Administration of the fund and any further contributions will be handed over to Purdue on March 1, 1957. To date, \$676.00 has been collected, but \$1000.00 is necessary for a name fund at Purdue. Being so close to the goal, the committee is making a general appeal to go over the mark. The Fund Committee consists of Larry Collins, chairman; Harry Keit, treasurer; Henry Frachtman, secretary; and Jack Nolan, Eleanor McEvoy, Barbara Ackley (RAND), Jack Cahill and Al Shoolman. It is requested that contributions delivered personally be directed to Keit, Frachtman, Ackley, McEvoy or Cahill, and contributions sent by mail, to Tilda Finocchio, Group 67, C-170, Ext. 166.

GROUP 66 - and POINTS WEST



Rapidly filling up Buildings #1 and 2, Group 66 continues to grow with each IBM class graduation. At this point, they have completely moved out of Murphy. "Get your kicks - in 66!" (Remember that oldie - Route 66?) Paul Hicks, recently visiting the lab on a

quick trip from Kingston, told of the progress being made in the field. At Kingston, where utility system check-out crews are being trained, the RAND contingent numbers more than 50.

John Crnkovich and Bill Miller have gone to McGuire, increasing the size of the pioneer RAND team thereabouts.

Rick Onanian has joined the Kingston activity in an administrative capacity.

Ro Raffa's Breakfast Club has recently heard talks by Major Fred Parker and Colonel Urquhart.

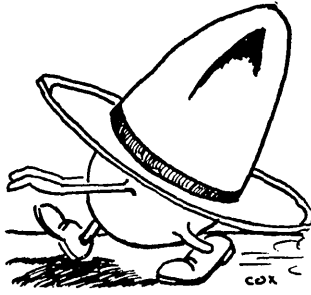
Gail Fitzpatrick has promised to keep us in touch with all local 66 news -- we're counting on you, Miss F.

Marian Weiss has been assigned to the Marv Jones outfit, after a term with the Group 66 document section, as secretary.

News from McGuire points out that the installation crew is going along smoothly at latest reports. We'll have to draft a steady reporter from the Jersey site - soon! For more site info, read on the 'Round and About - featuring Stewart and Syracuse!

NEW FACES OF '56

Presenting: John W. Rafferty, Hartford, Conn., Teachers College of Connecticut, gained programming experience while working with Hamilton Standard; -- John W. Votel, Springfield, Ohio,



University of Dayton;
-- Alon Miller, Atlanta, Ga., University of Alabama and Georgia Tech., previous experience as Advertising Manager and Sales Representative -- Robert H. Stearns, Springville, N. Y., Rensselaer;
-- Hyman M. Shumrak, Boston, North-

eastern University; -- Ralph P. Hershberger, Jr., Fort Wayne, Indiana, Purdue University and International Business College, a former accountant; -- William Vernon Thomas, Jr., Denver Colorado, University of Denver, another x-accountant; -- Dick Weis, Schenectady, N.Y., University of Rochester, Wayne University, and Rochester Business Institute, Programming experience with General Electric; -- Ralph Beals, Buffalo, N.Y., Alfred University, former teacher; -- Paul W. McCree, Jr., Massachusetts and Kentucky, Harvard; -- Roberta Audette, Corpus Christi, Texas, M.I.T., Pennsylvania College for Women, and University of Rochester; -- Max A. Hirschman, Dayton, Ohio, City College of New York, and George Washington University; -- Lionel Difford, Washington, D.C.; --

We'd also like to welcome the following clerical personnel: Lois O'Callaghan, Dracut, Mass., Winslow Secretarial School; -- Margaret Shea, Lincoln, Skidmore College; -- Jeanne M. Brenchick, Lexington, formerly with First National Bank of Boston; -- Gertrude Carson, Watertown, Fisher Business College; -- Evelyn Osterhaut, Lexington, Burrough's Business School.

GOOD LUCK RANDites!!!!



CLASS #17

'ROUND AND ABOUT RANDom

Down the field we go... goal in sight!
Two school-age tots attending Lincoln's Family Day, gaped in amazement at the over-sized medicine-ball and unmistakable ping-pong ball atop the lab roof -
- Since we're started on the subject of Family Day, who was the enterprising RANDite who tacked up a



"Chairman of the Board" sign in his office, trying to impress wifey? -----
Long list of congratulations first, to Darlene Trebino on her recent marriage to Paul Maio of Lexington, on November 24th.....to the Milt Winsors and the Bob McGills, proudly

announcing new additions and to Mr. and Mrs. Paul Breck (Lois Soengen), currently honeymooning in Bermuda after their marriage in November.....
Is it true that our own J. P. Haverty has received inter-departmental mail addressed to Miss Pat Haverty? -----Wong was wong, -er-wrong! A slight mistake in the November Wong-o-gram brought dozens of phone calls.... however, resourceful folks came up with the right answers anywayGerry Bobchek, Ed's Mrs., was solver #1 ... look out below for more of the same -----IBM field engineers claim that the initials stand for "I've Been Moved!"Do not confuse Lou Elias, UCLA backfield ace, with our boy of the same name ----- "How do you get around these dad-burned highway rotaries," sputters the irate Californian....."All you need are guts - and an old car," replied the Proper Bostonian!..... Basketball sessions have been regularly held at the Pinehurst gym, reports Maury Mineart. Teams are about to be chosen, so if its action you want for the long winter months, join the gang on Monday nights.-----Tom Hibbard, the Bush-Faced Bicyclist, has been named official custodian of the B-118 "On Site" bulletin board..... Have you seen the latest additions? ----When you talk about ripping telephone books, see Joe Berman, World Champ-----The Pinkerton organization, supplying security guards for our new buildings, has a long history of jobs well done, going back to the mid-19th century.....taking a prominent part in such famous cases as the apprehension of the Dalton and James gangs, undercover work in capturing the Wild Bunch (a notorious gang of marauders, active in the latter 1800's throughout the west), and the investigation following the Lincoln assassination.LaVerne Ruby, Idaho's gift to RANDom, entertains us with a bit of light poetry concerning a programmer's lament.....:

I think that I shall never see
A program that is trouble-free.
The ones we get are full of jest --
The tracks go east, the plots southwest.
The program acts a little odd,
And so we make another mod.
The mod makes things just that much worse,
And then we bow our heads and curse.
The troubles still are with us now
But we will get things done somehow.
Some day the system will work (amen)
But only God can know just when.

L. E. Ruby (RAND - Gp. 67)

