



presented the paper on "Superconductors in Advanced Electronics." Other employees from the Laboratory were cited at the conference which was held at the U. S. Military Academy, West Point, N. Y. (U. S. Photo).

Headquarters Tom CG

Agentic terminal for SYCOM last year and its present function as a Pacific terminal for the satellite which was moved from the Atlantic earlier this year. He also described the ship's preparations to support the next SYCOM, which will be stationed over the Pacific.

General Johnston employed the Kingsport, currently located in Hawaii, for a live satellite communications demonstration at his briefing. The conference participants were able to telephone the Kingsport via Autovon (formerly known as SCAN) land lines from the Briefing Theater to the SATCOM station at Camp Roberts, California, which transmitted their conversations through SYCOM II, 22,300 miles above the Pacific, to the ship.

General Johnston concluded with a resume of the key points made during the conference, and then, conducted a question and answer period.

Retirement Review Saturday

FORT MONMOUTH — Retirement honors and military awards will be made during ceremonies at the parade on the Post this Saturday morning.

The garrison review on Greely Field will begin at 9 a. m., with Brig. Gen H. McD. Brown, Signal School commandant, the Reviewing Officer. Participating units will be the 389th Army Band, Troop Command of the Army Signal Center and School, and Special Troops. It will be the fourth parade of the season here at the Post.

Eight officers and non-coms are scheduled for retirement honors, and will be in the reviewing party with General Brown.



11 ECOM Scientists Receive Awards At Science Conference

WEST POINT — Eleven scientists from the U. S. Army Electronics Laboratories, Army Electronics Command, Fort Monmouth, won a total of four cash awards and a Certificate of Outstanding Achievement for papers presented here at the Army Science Conference.

The four-day biennial meeting, which was held at the U. S. Military Academy, was concluded June 19 with an awards ceremony.

One of the two top prizes of \$750 was shared by Dr. Gerhart K. Gaule, Ocean Township; James T. Breslin, Asbury Park, Ray-

mond L. Ross, Oakhurst, Ocean Township, and 2nd Lt. Roy S. Logan, Eatontown.

Their paper, presented by Dr. Gaule, was entitled "Superconductors in Advanced Electronics." Dr. Gaule and the three collaborators are members of Research Team No. 8, which is engaged in basic research in superconductivity in the Laboratories' Division "E" of the Institute for Exploratory Research. Dr. Gaule

—For more photos see Page 2.

Vacation Reading Club Sign-up Dates Announced

FORT MONMOUTH—This week and next, the Special Services Post Library is registering children of Fort Monmouth military personnel for its summer Vacation Reading Club.

The club is open to children who have completed grades one through eight this year. Registration will continue through 4 p. m. July 2; Wednesday and Thursday, July 8 and 9, between 10 a. m. and 4 p. m. are the dates scheduled for young readers to report on the first two books they have chosen to read.

Children registering for the Vacation Reading Club this year are finding a tempting choice of new books in the Children's Corner of the Library. New titles added to the Library's junior collection in time for the 1964 reading program include old favorites and outstanding new publications for children of all ages, with a colorful, eye-catching selection of picture and easy books for youngest borrowers.

NEW ADDITIONS

Recently added are such perennial favorites as Frank Stockton's THE GRIFFIN AND THE MINOR CANON, Marjorie Flack's WALTER THE LAZY MOUSE, Albert Payson Terhune's FURTHER ADVENTURES OF LAD, J. R. R. Tolkien's THE HOBBIT, and Marianne Moore's beautiful rendition of Perrault's PUSS IN BOOTS, THE SLEEPING BEAUTY, AND CINDERELLA.

New junior fiction titles chosen from the American Library Association list of Notable Children's Books of 1963 include Pauline Clark's THE RETURN OF THE TWELVES, a fantasy of wooden soldiers come alive, Erik Haugard's Norse adventure, HAKON OF ROGEN'S SAGA, Mildred Lee's THE ROCK AND THE WILLOW, the story of a rural Southern girl growing to maturity, and ROOSEVELT GRADY, by Louisa Shotwell, a perceptive story of a Negro boy who dreams of a permanent home for his migrant family.

Non-fiction titles from the 1963 selection of Notable Children's Books treat such varied subjects as the concept and measurement of time, explained by Thelma and Corydon Bell, the story of the Emancipation Proclamation, told by Dorothy Sterling in FOREVER FREE, and Renaissance arts and crafts, described and illustrated in MADE IN THE RENAISSANCE, by Christine Price. Other new books bulge with clearly presented interesting facts about outer space and undersea exploration, scientific techniques, prehistory, and the histories of great events and great men.

This year's winner of the New-

berry Medal, top award in the field of children's literature, is IT'S LIKE THIS, CAT, by Emily Neville, the story of a boy in New York City. Runners-up for this annual prize, also available at the Post Library, were Sterling North's recollections of his Wisconsin boyhood and his pet raccoon in RASCAL: A MEMOIR OF A BETTER ERA and THE LONER, by Ester Wier, the story of a migrant boy who finds a home in Montana sheep country.

The Caldecott Medal, prize for the best picture book, was awarded this year to WHERE THE WILD THINGS ARE, written and illustrated with imaginative monsters by Maurice Sendak. Runners-up available in the Post Library are SWIMMY, Leo Lionni's tale of a clever little fish, and ALL IN THE MORNING EARLY, a Scottish nursery tale retold by Sorche Nic Leodhas and illustrated by Evaline Ness.

In these and many other fine junior books, new and old, in the Children's Corner, young Vacation Readers will find entertainment, adventure, romance, and knowledge to add to their summer pleasures. Vacation readers have more fun than anyone... except other vacation readers!

Gen. Stanwix-Hay Gets New Position

WASHINGTON — Secretary of Defense Robert S. McNamara today established an Office of Technical Data and Standardization Policy and named Brigadier General Allen T. Stanwix-Hay, USA, to head it.

General Stanwix-Hay, Director of the Defense Contract Administration pilot office in Philadelphia since last Fall, will report directly to Thomas D. Morris, Assistant Secretary of Defense (Installations and Logistics).

In his new duties, General Stanwix-Hay will be responsible for policies and basic Department of Defense procedures in the field of technical logistics data acquisition and utilization, including technical data storage and retrieval systems. He will also administer the Department of Defense-wide standardization program.

General Stanwix-Hay has had long experience in the field of logistics and immediately prior to becoming Director of the Philadelphia office had completed a one-year tour as Commanding General of the Army's Electronic Materiel Agency there.

is the team's leader.

A \$500 award, which was among the second highest level of prizes, was given John J. Egli for the paper he wrote and presented on "Electronic Counter Countermeasures—Design Techniques for Communications." Egli, who lives in Red Bank, is director of the Laboratories' Electromagnetic Environment Division.

Two awards of \$200 each were shared by two groups of co-authors. One of the papers, on "Ruby Laser with Piezoelectrically Excited Vibrating Reflector," was written by Dr. Eduard A. Gerber, West Long Branch, director of the Electronic Components Department, and Edward R. Ahlstrom, Spring Lake, a physicist in the Microwave and Quantum Electronics Branch of the department.

The other \$200 award, for a paper on "The Use of Intense Pinch Discharges for Laser Illumination," was shared by Dr. Rudolf G. Buser, Manassas; Dr. Johann J. Kainz, Allentown, and John J. Sullivan, Neptune. The three are in Division "S" of the Institute for Exploratory Research.

A Certificate of Outstanding Achievement was presented William A. Huber, Spring Lake, for his paper on "Monocycle Position Modulation." Huber, who lives in Spring Lake, works in the Data Division of the Communications Department.

Another Certificate of Outstanding Achievement was awarded James F. Appleby and William D. Ohmsted of the Army Research and Development Activity, Fort Huachuca, Ariz., for a paper on "Numerical Solution of the Distribution of Wind and Turbulence in the Planetary Boundary Layer." The activity receives program guidance from the Fort Monmouth Laboratories.

The science conference, which was the fourth such meeting to be held, was sponsored by the Army Research Office. Dr. Harold A. Zahl, Holmdel, Director of Research at the Army Electronics Laboratories, and Abraham Schwartz, Long Branch, of the Laboratories Institute for Exploratory Research, were in charge of arrangements for the Laboratories' participation.

More than 400 civilian and military scientists from the Department of the Army attended, plus delegates from other U. S. Government agencies, and from Canada, England, and Australia.

Altogether 96 papers were submitted for discussion and judged as especially significant reports. Nineteen were selected by a panel of senior Army scientists on scientific advances. In addition to the cash awards, which totaled more than \$3,000, 11 papers won the outstanding achievement certificates.

Gen Brown Extends Greetings

Voice of Liberty Bell Shouts Above the Din

ITS 2,080 lbs. of ancient bronze hang from a beam of solid hand-hewn black walnut in Independence Hall in Philadelphia, where both the Declaration of Independence and the Constitution were proclaimed. Armed guards watch it day and night.

Around its crown are these words from the Bible: "Proclaim liberty throughout all the land to all the inhabitants thereof" — Leviticus XXV, 10.

The inscription on the Liberty Bell was chosen by Isaac Norris, speaker of the Assembly of the colony of Pennsylvania who, in 1751, was chairman of a committee to get a bell for the steeple of the state house.

The Bell was cast in London. When hung in 1752, it broke at the clapper's first stroke. It was recast by a local bell-caster, but this time its tone was not satisfactory. It was melted once again and a third bell was formed.

Throughout the events which led up to the American Revolution, the Bell proclaimed many occasions of joy and sorrow. In strict historical accuracy, the Liberty Bell did not ring July 4, 1776. The motion for independence was unanimously carried July 2. It was accepted by final vote on July 4 and the document was rushed to the printers.

On July 8 a crowd gathered from near and far and the Declaration was read aloud to the people by Colonel John Nixon in front of Independence Hall. There were cheers, musket shots, fireworks and the ringing of bells, but the voice of the Liberty Bell shouted above them all.

Fifty-nine years later, in 1835, the Liberty Bell cracked while tolling in honor of Chief Justice of the Supreme Court John Marshall who had died. Although it has never been rung since, the Liberty Bell still sounds a cherished note by symbolizing the day—the Fourth of July—when America declared lasting freedom for her citizens.

The Liberty Bell is probably the only bell in the world to which every American takes off his hat. And rightly so.

Quote of the Week

"... We know which side we're on and we're going to stick to that side." Paul M. C. Hasluck Australian Affairs Minister, endorsing United States policy in South Viet Nam.





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Army Science Conference Winners



JOHN J. EGLI



DR. EDUARD A. GERBER



DR. JOHANN J. KAINZ



JOHN J. SULLIVAN



WILLIAM A. HUBER



EDWIN R. AHLSTROM

Special Troops Gets New Sergeant Major

FORT MONMOUTH — Sergeant Major Robert T. White, Army veteran of 23 years service, has been named Sergeant Major of the Special Troops battalion here at Fort Monmouth. He succeeds Sergeant Major Frederick Lee, who leaves next month for a new assignment in Korea.

The new Special Troops Sergeant Major, native of Dallas, Texas, reported to Fort Monmouth last month, after a five-year tour of duty in Europe as Sergeant Major of the G-4 Division of the U.S. Army Communications Zone.

During his Army career, Sergeant Major White has ten separate tours. He also served in Korea.



DR. RUDOLF BUSER

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