

The Village Crier

 national accelerator laboratory

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NAL MACHINE SHOP TURNS OUT ANOTHER WINNER

Nine men in the NAL Machine Shop recently logged 925 hours turning out another of the tailor-made pieces of equipment which will bring further sophistication to the accelerator operation. Designed by the NAL's Technical Services section, the newly-installed beam scraper is located in the A17 section of the Main Ring. Design was based on parameters suggested by E. Malamud and R. Yamada of the Internal Target section, and B. McDaniel, at that time a member of NAL's Accelerator Section. The new device makes it possible to trap particles that have strayed slightly from the beam and to drop them at this point, leaving a cleaner, sharper beam to circulate, and lessening excessive radiation in the Main Ring tunnel. Operation of the scraper is monitored and controlled from the Main Control Room in the Cross Gallery.

The device includes two heavy steel blocks, which collect the particles and provide a dump. The experienced craftsmen of the Machine Shop were able to machine these massive blocks in only 80 hours. The project sometimes found work proceeding ahead of drawings in order to meet a very tight completion schedule.

Proof of the pudding came after installation in the Main Ring when the scraper functioned very well from the beginning and now provides useful and important tools for operation.

In addition to personnel shown in the photos, among those who participated in the project were Mark Kibilko, Accelerator Section; James Edwards, Technical Services; Alexander Baron, Technical Services; John O'Meara, Technical Services, and the Alignment group.

The Machine Shop crew is now deeply involved in the repair of the damaged transformer which furnishes power to the Main Ring. Working the long hours necessary to answer the demands given them, they are machining hundreds of teflon liners and the copper bus bars for the transformers. And there's no doubt that they'll be successful again!!

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NAL HOLIDAY SCHEDULE

NAL employees will observe the following holiday schedule in December and January:

Half-day Friday, December 22 - All day Monday, December 25, 1972

Half-day Friday, December 29 - All day Monday, January 1, 1973

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...Machine Shop personnel with finished beam scraper: L. Green, M. DePew, J. Layman, R. Gorski, C. Matthew, R. Joseph, J. Forrester, B. Murphy, J. Ramus.



...Involved in the installation of the beam scraper were (kneeling): R. Ducar, Accelerator Section; standing L-R, H. Barber and L. Bradstreet, Technical Service; W. Martin, Accelerator section...



...NAL Director Robert R. Wilson (L) and Norman Ramsey (R), president of the Universities Research Association, welcomed Dr. John Teem on his recent visit to the Laboratory. On January 1, 1973, Dr. Teem will become Director of the Division of Physical Research of the U.S. Atomic Energy Commission, the AEC division which is most directly concerned with the activities of NAL...

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ARGONNE CONCERT SERIES BEGINS THIS WEEK

Monday, December 11th is the date of the first of three chamber music concerts sponsored by the Argonne Chamber Music Club to be presented at 8:15 p.m. in the High Energy Physics auditorium of the Argonne National Laboratory. The December concert features a Chicago Symphony quartet and guest flutist, Donald Peck. Tickets for the series and further information may be obtained from Margaret Green, Ext. 3205, or NAL Visitors Center, Ext. 3560.

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LAST MINUTE NEWS

Mrs. Santa Claus will help her famous husband distribute gifts to children ages 2-10 at NAL's Children's Christmas Party, Sunday, December 10, at The Village Barn. Also strolling through the crowd will be Maggie the Clown with her clever animal ballons. Light refreshments will be served.

The party is open to NAL, DUSAF, Advance Security, B & H Janitorial and visiting experimenters' families. Families with last names A-M, please come from 2-3 p.m.; N-Z from 3-4 p.m. There is no charge. For further information, call Lize Foster, chairman, Ext. 3211.



...Santa's Helpers (L-R): Liz Foster, Marilyn Paul, Carol Weissert, and Eric Jarzab...

EMPLOYEES' MEDICAL INSURANCE BENEFITS IMPROVED

Changes in the group medical insurance policy for NAL employees and their dependents were announced recently by Charles F. Marofske, NAL Personnel Manager. Listed below are eight aspects of improved coverage which went into effect on November 1. Employees with dependent coverage will be contacted soon about maternity benefit changes, Marofske advises, and benefit booklets and certificates of insurance covering the new benefit levels will be issued shortly.

<u>BENEFIT ASPECT</u>	<u>NEW STATUS</u>	<u>PREVIOUS STATUS</u>	<u>IMPROVEMENT</u>
1. Doctor's service during hospital confinement	\$7 per visit	\$4 per day	Increased \$3 per visit
2. Diagnostic X-Ray and laboratory benefits	\$100 during any period of 12 consecutive months	\$50 during any period of 12 consecutive months	Increased \$50
3. Hospital service and supplies	Maximum payment - \$1,000	\$420	Increased \$580 in maximum benefit
4. Surgical benefits	Relative value schedule to maximum of \$1,000	Fixed allowance schedule to maximum of \$450	Generally higher surgical benefits
5. Medical catastrophe (Major Medical Provisions)	Maximum increased to \$50,000 per individual	\$15,000 maximum per individual	Increased maximum by \$35,000 per individual
6. Psychiatric care (Major Medical)	\$15 per visit to maximum of \$750 annually	\$10 per visit limit one visit per week	Increased \$5 per visit
7. Maternity benefits (Employees)	Hospital benefit increased to \$300; standard obstetrical procedure increased to \$125	Hospital, \$250 Obstetrical procedure, \$112.50	Increased in both categories

NOTE: All employees are now covered at the increased levels. Increased premium charges will be paid by the Laboratory for the improvements above (Numbers 1 thru 7).

8. Maternity benefits (Dependents)	Now optional. (Increase of \$1.25 per month in premium to retain this coverage. Total premium for dependent coverage becomes \$8.25 per month.	No option	Allows choice
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THE FOURTH ANNUAL HOUSE DECORATING CONTEST IS NOW OPEN...Who will keep the trophy after this last Christmas in the Village?...Judging will take place at dusk on Tuesday, December 19. For further information, call Marilyn Paul, Ext. 3453.

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DECEMBER 11 DEADLINE FOR HOLIDAY DANCE TICKETS

Ticket sales will close on Monday, December 11 for the 5th annual NAL Christmas Dance to be held at St. Andrews Country Club in West Chicago on Sunday, December 17 from 6:30 p.m. until midnight.

The \$5.00 tickets give each person two before-dinner drinks, a prime rib dinner, and an evening of dancing.

The gala event is one of the highlights of the NAL social calendar. Get your tickets immediately from your NALREC representative. Call Bob Kolar, chairman, 879-2800, for further information. Visiting experimenters are welcome.

FOLLOWING THE PROTONS...Roy Justice, reporting -

The Protons bounced back after their defeat by Doolin last time out. The Protons went out determined to do their thing which is exactly what they did, by rolling past Wehrli, 68 to 43.

High point men for the night were: Mike Armstrong, 24 points; Roy Justice, 18, and K.C. Cahill with 12 points.

With a record now of 2-1, the team is confident this is the year!!

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DECEMBER 8 FILM SHOW

"Last Year at Marienbad" was a controversial film when it was released in 1961. Some people love it, others don't quite understand it, but almost everyone agrees it should be seen more than once to understand and appreciate it. It is a surrealistic story of the effects of memories on lives of some men and women, set in the palatial surroundings of Hotel Marienbad.

Its beautiful photography, setting, and staging will be remembered. The film will be shown at The Village Barn at 8 p.m., December 8. Tickets are \$1.00 each. Light refreshments will be served during the social hour following the show. Everyone is welcomed, including guests accompanying NAL personnel.

V O'Clock Break - Village Barn - 5:15 p.m.
to 7 p.m. - Wednesday, December 13th.

CLASSIFIED ADS

FOR SALE - 1966 Chrysler New Yorker, 2 door/Hd. top, power steering/brakes/windows, radio, air/c, new battery/tires. All vinyl interior. Two snow tires and wheels included - \$600. Call Norbert Engler, Ext. 3391 or 227-0691.

FOR SALE - 1971 Porsche 914 mid-eng., fully equip. low-mileage. \$3300. Call James Peifer, Ext. 3381 or (815) 729-9072.

FOR SALE - Hoover spin-dry port. cloth. washer & Maytag elec. dryer, both coppertone-\$100 for pr. or will sell washer sep. for \$35; Women's 3 spd. bicycle, \$25. Call Priscilla Duffield, Ext 3211.

FOR SALE - Aquarium set-up incl. 5 & 20 gal. tanks/fil/gravel/plants/pumps/stand-\$40. Call Thaddeus Ulijasz, Ext. 3776 or 653-3887.

FOR SALE - Westinghse Sol. State Port. Record Player, 2 spkrs, folds into carrying case, like new-\$35. Call Art Streccius, Ext. 3788 (stereo).

FOR SALE - Smith Corona Standard Typewriter, Excel. condition. Elite-type. Call Frank Mehring, Ext. 3728 or 424-3429.

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The Village Crier is published by the Public Information Office of the National Accelerator Laboratory. Margaret M.E. Pearson, Editor. Correspondence may be directed to the address below. Telephone number of the Laboratory is 312 840-3000

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