



# BROOKHAVEN BULLETIN

Published by the Brookhaven National Laboratory Public Relations Office

1946 - Twenty-five Years of Dedicated Research - 1971



October 28, 1971

Volume 25 - Number 43



A demonstration of a chain reaction fascinates children and adults alike in the Exhibit Hall last Saturday. 4,200 people turned out to see what Brookhaven is all about. Many new and exciting exhibits have been unveiled this year to amaze and intrigue the visitors. This Saturday, October 30, approximately 3,600 high school students and teachers are expected to come to BNL. Last year's High School Visitor's Day was marked by temperatures below the 30-degree mark, and occasional snow flurries.

## White House Announces North Tract Transfer

The White House recently announced that 2,137 acres of land formerly held by BNL have been transferred to New York State for use as a park.

The land, formerly used as part of Camp Upton during World War II, was turned over as part of President Nixon's program of turning over to the state land that has been declared surplus. The value of the property was estimated at \$8 million.

Mr. Nixon's office also announced transfer of 21 acres of the Oak Ridge atomic reservation, valued at \$21,000 to the City of Oak Ridge.

According to Congressman John Wyder (R-Nassau), the deed will contain a provision allowing the Atomic Energy Commission to get back within ten years, up to 500 acres for use in accommodating a large proton accelerator.

The park, to be operated by the Long Island State Park Commission, will become the third largest park on Long Island. It will be developed, officials said, as an ecological preserve, hiking area and ski preserve, and camping ground. The two larger parks are the Southside Sportsman's Club Park in Islip, with 3,473 acres, and Jones Beach State Park with 2,413 acres.

## Election Day Working Hours

The normal working hours for the Laboratory on Election Day, Tuesday, November 2, will be from 0830 to 1500. However, all employees working this schedule will be paid an additional two hours at straight time rates so that they will not suffer a loss of base pay. Nonexempt employees in positions which require a full eight hours of service will be paid for ten hours of work at straight time.

Time cards for nonexempt employees working the normal Election Day schedule should show 1500 as their time out and "E" should be entered in the remarks column. All other non-exempt employees' time cards should show time actually worked and "E" should be entered in the remarks column.

## AUI Trustee Scholarships

Application forms and Critical Date Schedules for the 1972 AUI Trustee Scholarships are now available at the Office of Scientific Personnel, 40 Brookhaven Avenue. Completed application forms must be sent to Educational Testing Service, and must be in their hands no later than November 16, 1971.

Up to ten scholarships will be awarded to children of regular employees of Brookhaven National Laboratory. These scholarships are awarded on a competitive basis and will be renewable for an additional three years or until requirements for the Bachelor's degree in any course of study are completed, whichever is earlier. Selection will be made on the basis of academic excellence, potential and general aptitude for college work as indicated by the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board.

Each scholarship will be in the amount of \$900 per year for up to four years and will be available to students entering an accredited college or university in the United States, whether on regular or advanced standing, and may be used to defray expenses such as tuition, lodging and board, and other expenses directly concerned with the student's education. Students already attending college are not included. The scholarships will be granted independent of financial need and without regard to other forms of aid to the student. The award will be sent directly to the college at which the student has been accepted and will be disbursed in accordance with the scholarship policy of the college.

## To Catch A Thief

Alert Lab personnel and our guests can help minimize Laboratory property losses due to theft. A good example of this occurred last week when a member of one of the AGS experimental user groups noticed a person placing large expensive aluminum plates in a private car; the plates had been specially fabricated for the group's experiment. He questioned the individual who, at first, tried to bluff his way through; he then jumped in his car and fled. Although he was able to get off site before the Laboratory Police were notified, his license plate was noted.

The matter was immediately reported to the Laboratory Police, the license number traced, and the FBI notified. Within 24 hours the suspect had been caught and had led FBI agents to a junk yard where the missing equipment had been sold. In less than 48 hours, the missing plates were back at the Laboratory.

Charges to be filed against the culprit (who was not a Lab employee) and the junk yard owner will be determined by the Federal Government, while the alert employee's experiment will continue with a minimum of inconvenience and without monetary loss.

## French Folksinger To Appear At BNL

Sonia Malkine will present an evening of songs in French and English at Berkner Hall on Tuesday, November 16, starting at 8:30. Miss Malkine, born in Paris and educated in France, has sung from coffee houses to Carnegie Hall in the U.S., and in France has costarred with the famed Jacques Brel.

College and university audiences have been especially receptive to Sonia Malkine and her songs: she has appeared at the Universities of Delaware, Florida, North Carolina, Tennessee, and many others. Within the past few years, she has also performed at the Newport Folk Festival and the "Clearwater" Sloop Festivals organized by Pete Seeger. As if these many personal appearances were not enough to keep her busy, Miss Malkine produces a weekly radio show for WBAI in New York, and has done a number of TV programs for the various educational networks.



Unusual, if not unique, among contemporary folksingers in using a lute for accompaniment, Miss Malkine will include several songs in English in her program here, and her descriptive remarks will also be in English. So the evening should be enjoyable, even if your French is at the level of "la plume de ma tante." The program is being sponsored by the French Group of BNL. Tickets, priced at \$2 for adults and \$1 for students, are available from the BERA Recreation Office and from members of the French Group.

## Were You Ticketed?

The Laboratory attempts to enforce proper parking with as little pain as possible. However, bad parking habits can sometimes multiply until a rash of violations occurs, necessitating stricter enforcement. As a result of a recent such outbreak, many people were given parking tickets, particularly in the area of building 460, Center Street, and building 179.

In order to minimize the possibility of a recurrence of this, the Laboratory parking regulations are restated as follows:

No. 5-01, page 3, of the Laboratory Standard Practice Instruction states: "Parking is permitted in designated parking areas in accordance with any posted instructions."

Copies of the Brookhaven site map, which are given to all new employees, guests and visitors, have traffic violations on the reverse side. These advise drivers to "Park in designated areas only. Parking prohibited on grass areas."

From this it is clear there is no parking in any given area unless a sign or pavement marking specifically gives permission to do so. There needn't be a "No Parking" sign to limit or eliminate parking in specific areas.

## Camera Club Meeting

The BNL Camera Club will meet Tuesday, November 2, at 8:00 p.m. in the Recreation Building.

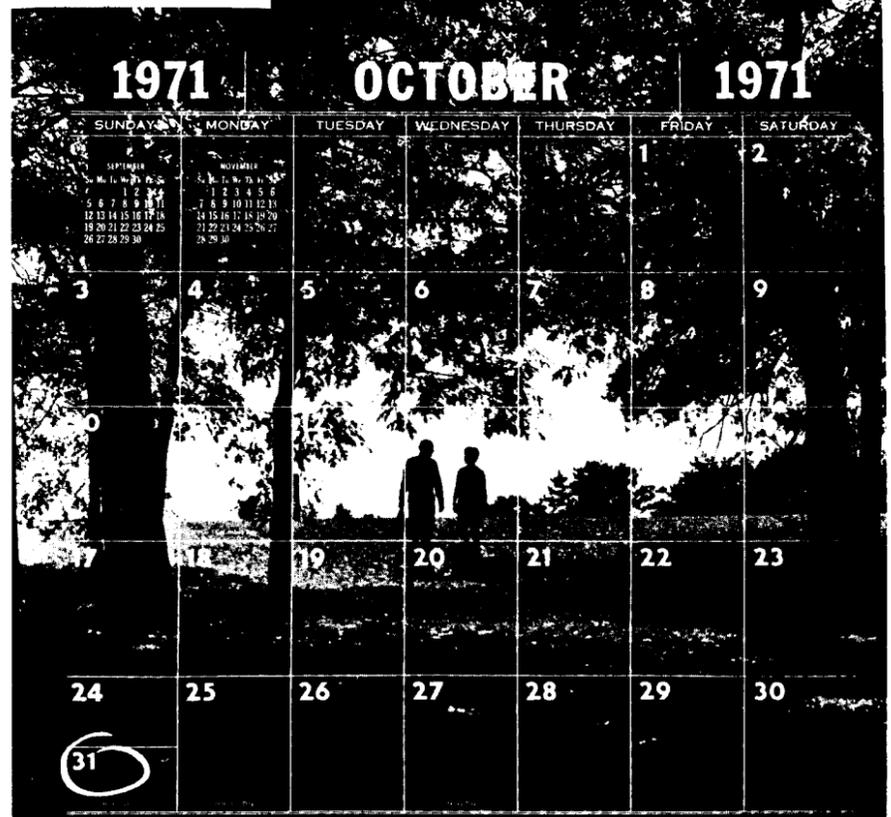
Jack Kelsch, of Instrumentation and Health Physics, will discuss diverse techniques in conventional and electron microscopy, and show samples from his collection of slides.

Prospective members are welcome.

## Aviation Club

The BNL Aviation Club will meet on Wednesday, November 10 at 8:00 p.m. in the lounge of the Recreation Hall. The purpose of the meeting is to discuss future club objectives and activities. An invitation to attend is extended to all those interested in aviation.

## Turn Back The Clock



The end of summer will be signalled this year on Sunday, October 31, with the return to Eastern Standard time. Daylight Saving time will end at 2 a.m. and we will get back the hour we lost early in the Spring. Photographer Mort Rosen superimposed a calendar on the above Lab scene to remind us to turn back the clocks this Sunday morning.

### Concert — Pool Fees

A review of the system of fees being charged for admission to the Swimming Pool and the BERA Concert Program has just been completed.

As a result of that examination it has been determined that some of those charges were not in keeping with the intent of the current Presidential Wage-Price Freeze.

Therefore, certain refunds will be made. Employees desiring such should direct their requests to the Recreation Office.

The fees have been adjusted as follows:

Swimming Pool		
Season Tickets - Valid 10/18/71 - 2/11/72		
Employee		
Original Fee	Revised Fee	Refund Due
\$10.00	\$5.00	\$5.00
Family		
Original Fee	Revised Fee	Refund Due
\$20.00	\$10.00	\$10.00

Concerts		
October 20 Concert - New Cleveland Quartet		
Single Admission:		
Original Fee	Revised Fee	Refund Due
\$4.00	\$3.50	50¢
Series Tickets 1971-72 Season (5 concerts)		
Original Fee	Revised Fee	Refund Due
\$12.00	\$9.25	\$2.75

### Do You Cook At A Snail's Pace?

Have you ever wondered how to prepare snails? Or perhaps more importantly, what do they taste like? Well, wonder no more. Just make sure you're at the next Cooking Exchange meeting on Thursday, November 4, and these secrets will be revealed. Also on the menu for that day is chicken cacciatore.

There is a charge of 75¢ per session for each person attending to cover the cost of recipes and for the babysitters. The meetings are held in the Recreation Building in the apartment area from 3 to 5 p.m. If you would like additional information, please contact Terri Pittenger, 286-9471.

### Hospitality News

The fall Tea and Sherry Party will be Thursday, November 11 from 3 to 6 p.m. at the Brookhaven Center. Featured will be an exhibit of things indigenous to different areas of the United States. Employees and their families are encouraged to display their treasures. To have yours included, please contact Polly Van Horn (475-6916) or Norma Chernick (GR5-0168).

Don't forget the date -- November 11 -- and the theme "... and INSIDE U.S.A. TODAY."

### Letters To The Editor

Dear Sir:  
To all of the friends of my late husband, Vince Lo Grasso, I sincerely wish to thank you for your thoughtfulness at a time when it was needed most.

Vin enjoyed his work and spoke so enthusiastically about the wonderful people he worked with.

Though I have met only a few of you, I feel a certain warmth for all of you because of your kindness to Vin.

Vin's mother and my children join me in expressing our sincere thanks and appreciation to all of you for all you did for Vin.

Sincerely,  
Caroline Lo Grasso

### BROOKHAVEN BULLETIN

Published Weekly for the Employees of Brookhaven National Laboratory

CARL R. THIEN, Editor  
CLAIRE LAMBERTI, Editorial Assistant

40 Brookhaven Ave. Upton, N.Y. 11973  
Telephone 516 924-6262 Ext. 7238

NORBERT J. DERNBACH  
Public Relations Officer

### Four-In-One Next For Theatre Group

Four plays in one will be presented by the Brookhaven Lab Theatre Group as their Fall production effort.

"You know I can't hear you when the water's running" is the title of Robert Anderson's group of four playlets. The title comes from a line in the first play.

"The Shock of Recognition" breaks in on a difference of opinion between an earnest young dramatist and his matter-of-fact producer. The producer doesn't like the opening moment of the play. A wife is having breakfast in bed and she says something to her husband, who is shaving in the bathroom. So he comes out, jaybird naked, and yells to her, "You know I can't hear you when the water's running."

The producer doesn't think this confrontation is quite nice or necessary. The author insists the scene is quite important - and, after all, it lasts only an instant. So a quarrel over taste develops and a job-hunting actor becomes involved. He eagerly begins to strip, demonstrating how he would handle the role. Also involved is the producer's secretary, who is described as "a Bennington girl" and acts it. This is fine, light comedy.

So is the next play on the program in which a couple who have been wed 20 years come to a store to pick out a new bed, or beds. Should they buy twin beds or a double? They don't get much sales effort from the salesman for the salesman is a pansy. Into the discussion comes a blonde young thing who wants a big bed because she is all alone.

Play No. 3 maintains the light humor of the first two but at base it is serious and touching as it shows a couple discussing the sex education of their almost-adult children, a boy and a girl. The husband is quite moving when he learns in a letter that his son is cutting himself adrift from the parental harbor.

For a windup there is a sketch about two old, old people sitting on a porch in a pair of rocking chairs and talking. Just talking - and of course they don't know how funny they are. Each has had one or more previous marriages and perhaps a few flings, but they are hazy as to details. In fact, they don't always know which one the other one is. This sketch is grand nonsense.

Each of the four playlets will be directed by a different person, and each will have a different cast. Nancy Chesser will produce the offering, and Bruce Martin, Darlene Yelon, Rita Straub and Bob Kinsey will share the director's chores.

The play will be presented in the BNL Theatre on November 12, 13, 19 and 20. Tickets will be on sale next week.

### CREF Unit Values Listed Monthly

In response to requests from several employees, the Brookhaven Bulletin will list monthly the dollar value of each CREF accumulation unit. Allocation changes for CREF-TIAA premiums may be made on January 1, April 1, July 1, and October 1. Participants of the Retirement Plan are now permitted to apply as much as 100% of their total premium contribution to CREF.

Accumulation unit values are generally available by the middle of the following month, and will be published in the Bulletin the week after they are received.

Accumulation unit values for 1971 are as follows:

May	\$43.81	January	\$41.37
June	43.58	February	41.57
July	41.24	March	43.14
August	44.01	April	45.23
September		\$43.85	

For additional information, or answers to questions about the Retirement Plan, contact Monroe Petty, Ext. 2106.

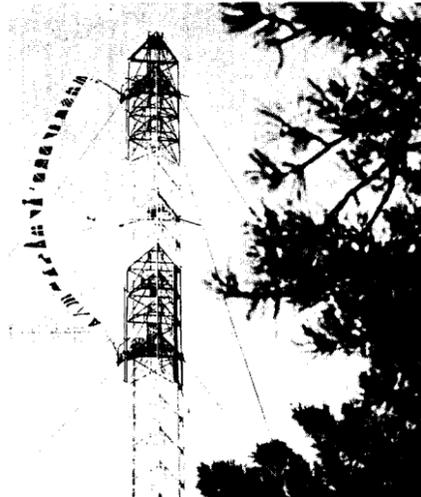
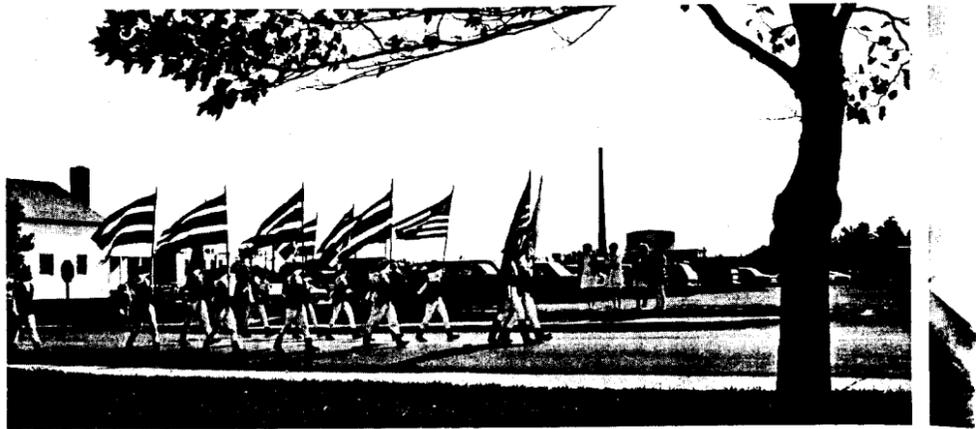
### Arrivals & Departures

#### Arrivals

Geoffrey Follenius.....Personnel  
John S. Read.....Personnel  
Christina W. Teng.....Medical

#### Departures

Johannes F. Klopper.....Medical  
James L. Potts.....P.E.P.



**Celebration Pictures**



The Isotope Stompers were led by Bill Barnes of Security.



**Basketball Plans**

Entry blanks are now available at the Recreation Office for you and your team to sign up for the fun in our Slow Break Basketball League which is now forming.

Last year we had nine Department teams. We are hoping they will return to the action and other groups will join in.

Teams will be scheduled to play once a week for about 15 weeks. The games will be scheduled on Mondays at 6:40 and 7:50, and Thursdays at 5:30 and 6:40. Each team will play approximately half its games on each night. The season is scheduled to begin on Monday, November 15.

All entries will be reviewed and teams will be placed in an effort to balance the competition.

This year the entry fee, which must accompany your application, has been set at \$45 per team. Sorry, it will not cover the cost of a uniform shirt. Teams will be required to supply their own.

BERA will provide the game equipment, pay half the officiating expenses, and present appropriate awards.

Unfortunately, the Basketball Executive Committee, which usually organizes the program with the Recreation Office, found itself decimated with the loss of the President and the Vice-President office vacant. Fortunately, we were able to recruit Past President Jim Hooper to serve as Acting President and appoint an organizing committee to help make the season a reality. Members of this committee are: George Latham, Lou Snead, Ed Taylor and Bob Barone.

After the start of the season, the captains will be called upon to elect a slate of officers for the coming year.

**Soccer**

Ken Batchelor

BNL 3 vs Staten Island 3

On Saturday 16th October Staten Island were the visitors to Brookhaven for a two hour soccer game which ended with honors even with a score of 3 goals to each team.

Staten Island started strongly and their lively forward line gave the BNL defense a hard time with Preece at inside left for the visitors being the greatest threat. Thus it was fitting that they should go ahead when Preece hit a bard shot which Chen in the BNL goal could not hold onto allowing Preece to put the ball in the net on the rebound. In the second period play was more even but Staten Island went further ahead with a fine scoring shot by Preece. This stung the BNL forward line into action and Batchelor came near to scoring but shot too softly and allowed the goalkeeper to stop the ball. Immediately BNL were again on the attack and Meyers put over a fine pass to Batchelor who scored with a sharp left foot shot. Thus the first half ended with the visitors in the lead by 2 goals to 1.

In the third quarter BNL were in command but it was Staten Island that scored when the center forward scored a break-away goal. The BNL front line continued to pressure the Staten Island defense and after several near misses including shots that hit the bar Batchelor hit a shot which the goalkeeper could only parry and Cox following up put the ball in the net.

In the final quarter with the Staten Island team tiring Sutherland and McCafferty both came near to scoring but the Staten Island defense held out until in the last five minutes they were unfortunate in giving away a penalty which Chen converted for the equalizing goal.

**Football Notes**

by Jack Brennan

The Highballs upset the previously unbeaten Gazelles 19-12 to win the 1971 Football Championship. Beaten 20-0 three weeks ago by the Gazelles, the Highballs tightened their defense by moving Ed Taylor to center and their offense was bolstered by Lew Snead's mixing up his short and long passes.

The game's first score was a Bob Casey-Andy Fogarty pass play to give the Gazelles a 6-0 lead. The Gazelles were in a man-to-man defense when Snead hit Dave Menago with a long bomb to tie the score. Wale Reams made the extra point for a Highball 7-6 lead. Two dropped passes in

**Bowling News**

Grace Fales

**Red League**

For the week of 10/12 we have D. Stelmaschuk 237, T. Prach 212, and R. Larsen 201. The highs for last week were L. Newman 202, D. Adams 205, and R. Larsen 213/202.

**Green League**

Highs for the night were J. Lee 222, J. Scesny 210, W. Kollmer 241, L. Jacobson 201 and J. Cain 200/210/583 series. The Bubble Boys rolled a new high series of 3120. Next week - Position night, the Designers take on the Bubble Boys in an attempt to take over 1st place.

**Pink League**

With two ties for second and fourth positions, all team standings are very close. High gross game this week was won by Ruby Burwell, 244, of the Alley Oops. Scratch highs were Marge Stoeckel 193, Ruby Burwell 180, Helen Caisey 178, and Grace Fales 172.

**Black and Blue League**

The consistent Ben Belligan gets consistently better as the weeks bowl by. His 199/187/172 for a 558 series led the way for the Black "N" Blue this week. He is a hard man to follow but those in there pitching were Ric Murgatroyd with a 189, Ralph Taylor 188, Joe Mayeski 186/507, Phil Borzi 184 and not to be skunked altogether by his son Dick Murgatroyd with a 180. Special mention goes to Bruce Quinn for his 171. Nice going you Sore Loser. Now maybe you and crew will stop kicking and stomping for a while. Irene Mickus was the only star shining on the distaff side with her 185/181 for a 515 series. Who says you are so odd, Irene!

**Cafeteria Menu**

**Week Ending November 4, 1971**

<b>Friday, October 29</b>	
Manhattan Clam Chowder	
Roast Beef w/Brown Gravy & 1 Veg.	.85
Fish 'n' Chips w/Tartar Sauce	.80
Poached Haddock w/Creole Sauce & 1 Veg.	.90
<b>Monday, November 1</b>	
Chicken Soup	
Barbequed Roast Pork & 1 Veg.	.90
Jumbo Knackwurst & Sauerkraut w/Mashed Potato	.80
Macaroni & Chopped Beef, Spanish Style, & 1 Veg.	.85
<b>Tuesday, November 2</b>	
Puree of Split Pea Soup	
Beefsteak Pie w/Vegetables & Biscuit Crust	.99
Southern Fried Chicken & 1 Veg.	.85
Stuffed Cabbage & 1 Veg.	.85
<b>Wednesday, November 3</b>	
Vegetable Soup	
Beef Hash w/Chili Sauce	.80
Broiled Link Sausages w/Scrambled Eggs & French Fries	.90
Florida Shrimp Louisiana	.95
<b>Thursday, November 4</b>	
Cream of Mushroom Soup	
Pork Chop Suey on Rice w/Crisp Noodles	.90
Grilled Rumanian Steak, Fried Onions & French Fries	.95
Cheese Omelet w/Bacon Strips & French Fries	.80

**IBEW Meets Tonight**

Local 2230 IBEW will hold its regular monthly meeting tonight at 8 p.m. in the K of C Hall in Patchogue. There will also be an afternoon meeting at 2 p.m. today for shift workers at 31 Oak Street, Patchogue.

the end zone by the Gazelles ended the first half.

In the second half Snead hit Taylor with a T.D. pass to jump the Highball lead to 13-6, but Casey's pass to Greg Ogeka shaved the lead to 13-12. The final score was another Snead-Taylor T.D. pass play to bring the tally to 19-12. A Gazelle pass into the end zone, with one minute left, was intercepted by Jack Crow to kill off the Gazelle's hopes.

The Highball roster included Bob Barone, Dave Menago, Art Scott, Jack Crow, Lew Snead, Ed Taylor, Ted Daniels, Clarence Simpson, Walt Reams, Mike Losquadro and Bob McGonigle.

Football captains will receive via the mails the date for the Football Finale; "Momma" Barone's spaghetti dinner followed by awards presentations and football films.

## Classified Advertisements

### Positions Available

The Brookhaven Bulletin each week will list job openings which have come to our attention and may be of interest to Lab employees. Each listing will be repeated (if still available) only once.

**SCIENTIFIC PROGRAMMER** - (Physics Associate) - Bachelor's or Master's degree with several years programming experience. Systems experience or aptitude also desirable. Physics Department.

**TECHNICAL SPECIALIST** - B.S. or equivalent experience in nuclear medicine or X-ray technology. Medical Department.

**BIOLOGY ASSOCIATE** - B.S. or M.S. in chemistry, biochemistry, or biology with emphasis on chemistry courses. Good knowledge of lab equipment and operation required. Biology Department.

**CUSTODIAN** - Plant Engineering and Planning Division.

For further information, please contact Employment Supervisor, Ext. 2109 or 2513.

### Autos & Auto Supplies

62 VW BUG - 2 new tires, runs well. \$150. Bob, Ext. 7553/7766.

70 CAMARO - 6 cyl, 3 spd, am/fm, 5 wide ovals, 2 snows, excel cond, daytona yellow. 277-9462 after 6.

68 FORD GALAXIE 500 - Air cond, am/fm, 5 excel tires, 2 snows, vinyl roof, excel cond, 30,000 mi. \$1750. 277-9462 after 6.

63 FALCON WAGON - New tires, brakes. \$175. Ext. 482.

2 RIMS - Ford, 14", 5 hole. \$7/pr. Ext. 7668.

66 DODGE POLARA WAGON - 6 psgr, V8, auto trans, ps, air, good tires, 2 snows on rims, luggage rack, good cond, inspected 8/31. Ext. 7353, 587-9372.

68 TRIUMPH 250 - White/blk, wire wheels, racing mirrors, elec overdrive, Konis, luggage rack, reworked head, am/fm, head rests, 13,000 mi, excel cond. \$2000. Doug, Ext. 2912.

62 CORVAIR - 2 dr Monza, r/h, auto, body & front end needs work, eng & int good. Ext. 7782, 924-8542 after 6.

64 CHEVY BISCAYNE - 2 dr, 327 V8, clean, stick shift. \$450. 472-1562.

64 CHEVELLE STATION WAGON - V8, auto trans, ps, very good cond. \$375. Ext. 7374.

70 TORINO HDTIP BROUGHAM - 4 dr sedan, select shift floor auto, factory air cond, visibility group, tinted glass, convenience group. \$2500. Ext. 657.

69 CORVETTE COUPE - 427, 4 spd, all pwr, side exhaust, trans ignition, new radials, low mileage, under warranty, many extras. \$4200. 298-9168 before 8 am.

13" WHEELS 14 1/2, Corvair, Comet, \$4/pr; 12v gen, GM type, good cond, \$7. Bob, Ext. 2450, 289-0357.

TRAILER HITCH - Fits 64-67 Buick Special, Chevelle, Olds F-85 & Tempest, 2000 lb cap, 150 lb tongue wt. \$15. R. Skelton, Ext. 2305/2108, 473-4558 after 5:30.

68 VW BUG - Red, almost new tires, 45,000 mi. \$950. B. Museler, Ext. 7676.

71 GREMLIN - Lotsa good es. Ext. 423.

70 BUICK LE SABRE CUSTOM - Blue Tudor, hdtip, blk vinyl int & roof 17,000 mi, reg gas, 3 spd auto trans, air cond, ps/pb, w/w. Al, Ext. 2368.

65 CHRYSLER HDTIP - Orig owner, excel cond, must sell. Ext. 423.

SNOW TIRES - Goodyear Suburbanite, 4 ply w/studs, 6.45x14, run less than 900 mi on MGB. \$30. 286-8945.

14" WHEELS - For Chevy wagon. \$5/pr. Ext. 7784.

68 FORD TORINO SQUIRE - Best offer over \$1500. Ed, Ext. 7415, 298-4315 after 6.

64 BUICK LE SABRE - No beauty but runs well, new tires. H. Garrett, Ext. 2123, 878-1002.

2 STUDDER SNOW TIRES - 6.50x13 Sears XST mounted on Valiant wheels, used 1/2 season. \$30. Montag, Ext. 7291.

14" WHEELS - Ford Mercury type, good cond. \$5/pr. Bob, Ext. 2450, 289-0357.

CHROME WHEELS - Chevy 15" w/G-70 tires; 2x4 manifold & carbs; Mallory dual points; water pump & heads for 283 eng. 475-0002.

62 CHEVY II - 4 dr sedan, strictly transportation. \$45. 475-0002.

LATE 66 FORD FAIRLANE SEDAN - Orig owner & mileage, very good cond, snows & spares incl. Asking \$800. A. Perez, Ext. 2272, 588-9317 eves.

68 VW BUG - White, 35,000 mi. Ext. 7657, 744-5741.

CHEVY VAN - Red, paneled, carpeting, very good cond, reasonable. 744-9686 after 5.

64 PONTIAC CATALINA STATION WAGON - Ps/pb, new tires, motor excel cond, needs some body work. \$350. Pat, Ext. 7506, 281-7155.

1-15" CHEVY WHEEL - Jim, Ext. 7559.

70 MAVERICK - Belted tires, new H.D. shocks, some body damage, excel running cond, radio, auto trans, extras. Asking \$1300. S. Anderson, Ext. 2411.

66 CHEVY IMPALA SS CONV - 283, w/w, r/h, ps/pb, auto trans, 59,000 mi. \$750. 582-4837.

### Boats & Marine Supplies

17' CABIN CRUISER FIBERCRAFT - W/80 hp Johnson motor, 6' cabin, panoramic view, windshield above, navy top, extras. 286-0641 after 5.

MORGAN-25 - 6 sails incl new Hood spinnaker, 9 1/2 hp OB, full racing & cruising gear, many extras. \$7000. B. Museler, Ext. 7676.

BEETLE CAT - 2 sets of sails, 1 cotton 1 nylon, new partial ribbing, new caulking, new lines, good cond. 286-1076.

27' CHRIS CRAFT CABIN CRUISER - Sleeps 5, bottle gas stove, fwc Chrysler eng, special fall price. F. Swan, Ext. 2807, 475-2629.

24' JERSEY SEA SKIFF (SICA) - 1961, Gray 109, mahog plank, full canvas, bow rail, sleeps 2, head, like new. \$1400. Ext. 7509, 286-2203.

INFLATABLE BOAT - Metzeler runabout, seats 4, can take 10 hp motor-20 mph, many access, excel cond. \$250 or trade for sunfish. Ext. 2959, 286-0295.

16' FIBERGLASS - Motor & trailer, excel cond. 924-3652.

17' FIBERGLASS SLOOP - W/trailer, O'Day Day-sailer. 475-4103.

12' GAMEFISHER - By Sears, all fiberglass, excel cond, fits on top of car. \$145. S. Anderson, Ext. 2411.

16' CABIN CRUISER - Fiberglass, sleeps 2, on Tee-Neer trailer, 40 hp eng, many extras. 744-8268.

SAIL BOAT - Old Town 14' sloop, dacron sails. \$300. Ext. 7231.

### Miscellaneous

GE STEAM IRON - 6 mos old, owner left Lab. \$8. M. Greene, Ext. 2561/7779.

CAMPERS KITCHEN - Plywood const w/legs, top holds camp stove. \$5. Paul, Ext. 354.

SKI BOOTS - Men's size 13, lace, good cond. \$15. Ext. 7353, 587-9372.

MOYGASHEL IRISH LINEN SKIRT - Med/dk blue, it blue/med blue hand knitted sleeveless sweater to match, size 14. Both/\$10. 281-2002.

SKIS - Child's 4', binding, poles, \$6; boot lace, size 13, \$6; boot buckle, size 2, \$9. Ext. 7353, 587-9372.

WEIMARANER PUP - Pick of the litter, AKC reg. 744-2214 after 5:30.

SCHWINN 20" BOYS' BIKE - Painted fluorescent orange, yellow front & red back tire, 2 mirrors & horn, front light & sissy bar. \$35 Bob, 929-4133.

OLD SERVER - China closet desk. \$10 ea. Mrs. Heinrich, 744-6211.

DADO SET - Craftsman professional 8" for 3/8" Arbor w/Dado guard, for radial arm saws, used once. \$18. Paul, Ext. 354.

2 KIRSCH TRAVERSE RODS - 65"-110", 87"-136". Worth \$25, sell for \$12. 286-8256.

PIANO - Upright, mahog. \$50 firm. I. Steele, Ext. 7206.

SHUT-IN MAKES GRANNY AFGHANS - Any color, takes 1 wk. \$20 & up. Mrs. Butcher, 286-0727.

2 TRANSISTOR IGNITION SYSTEMS - 1 AEC-77 & 1 Conar TP-3N, new. \$10 ea. Paul, Ext. 354.

KENMORE ELEC WASHER - Frigidaire elec dryer, not new but both in good working cond. \$25/pr. 286-8805 eves.

GARRARD RECORD CHANGER - Works but may need new pickup. \$10 or best offer. Claire, Ext. 7420, 281-2002.

TYPEWRITER - Royal portable. Ext. 2895.

BOYS' 10 SPD BIKE - Excel cond, must sell. \$50. Robin, 286-1372 after 5:30.

GIRL SCOUT UNIFORM - Size 10-12; Cub Scout uniform, size 8. Ext. 2268.

DBL BED - Box spring & matt, good cond. \$25. Ext. 563.

TWIN BED - Foam matt & box spring, white padded headboard, good cond. \$25. Ext. 568, 286-0459 after 6.

USED POOL - Colco, 10'x24", liner does not leak, ideal for sm children. \$5. Paul, Ext. 354.

PENTAX SPOTMATIC - F1.8 \$150; Super Takumar 28 mm F3.5 lens, \$75; 105 mm F2.8 lens, \$70; all excel. J. Llacer, Ext. 618.

2 DANISH MOD ARMCHAIRS - W/gold cushions, \$10 ea; 1 sm barrel back chair, gold upholstery, \$15. Ext. 7420, 281-2002.

DIN RM TABLE - 48" round w/12" leaf & custom made hot pad, Early Am pine finish \$50. J. Chester, Ext. 598.

MAGNUS CHORD ORGAN - 37 keys & 12 chords, almost new, in orig package. \$25. Ext. 2959.

COLOR RCA CONSOLE TV - 21", compl remote control, very good cond. 281-6554.

RIFLE - Sako .223 cal, 3x9 scope, ammo & brass, excel cond, \$175; .58 cal Replica Civil War musket, mould, bullets, extras, very good cond, \$100. Paul, Ext. 354.

20 LB PROPANE GAS TANK - 3/4 full, \$10; propane heater, \$15; propane 2 burner camping stove w/grill, suitable for trailer, \$20. Ron, Ext. 610.

BOWLING BALL - Brunswick 3 finger w/leather bag, best offer. B. Barnes, Ext. 2392.

COMPL SET OF THE SYNTOPICON - Incl Great Books of the Western World & Great Ideas Program, make reasonable offer. Kramer, 744-5079 after 6.

REBUILT PUMP - Shallow well, excel cond. 281-8612 after 6.

BABY ITEMS - Lg carbed, baby swing. \$3 ea. 472-0690.

RIFLE SCOPE - Sears model 785 (Weaver K2), 2 1/2x post & crosshair w/std dovetail mounts, never used. Clive, Ext. 2956.

STEREO TURNTABLE - AR, 2 spd, w/dust cover, base & ADC 111E cartridge, almost new. \$75. Sam, Ext. 7208, 585-1759 eves.

CROWN GRAPHIC 4x5 - 12 film holders, film pack holder, flash gun, case, shutter needs work. \$60. 472-0690.

ALUM STORMS & SCREENS - 13, approx 2'x7'. \$3 ea. 472-0690.

SURFBOARD - 6'2" Weber-Australia, good cond, \$50; O'Neil longjohn XL, \$30. Pete, 744-3807.

2 LOVELY FEMALE PUPPIES - Getting bigger by the day, 1 very fluffy, other very sleek, 12 wks old. 744-6130 after 6.

FREE - 5 adorable, cuddly baby hamsters. 281-5289.

INFANT PLAYPEN - Wooden, new cond. \$12. Ext. 500.

ARGUS SPECIAL - 35 mm slide projector w/33 slide tray, like new. \$12.50. B. Stars, Ext. 7525, 324-5692 eves.

VIEWLEX - Audio-visual projector, like new. \$20. B. Stars, Ext. 7525, 324-5692 eves.

OLD PHONOGRAPH RECORDS - National Geographic magazines; US & foreign coins. O. Booker, Ext. 2411.

MITER JIG - For radial arm saws, new, \$5; 2 Hodgman air mattresses w/air pump. \$10 takes all. Paul, Ext. 354.

SIGNAL GENERATOR - Heathkit model 1G-102, 6 bands, from 100 Kc to 110 Mc, new cond. \$22. G.F. Buhl, 744-2506.

TUBE TESTER - Conar model 221, new cond, w/picture tube adapters & instructions. \$38. G.F. Buhl, 744-2506.

BABY DRESSING TABLE - Folding type, \$8; doll carriage, 3/4 full size, good cond, \$8. Paul, Ext. 354.

INFANT CAR SEAT - \$5; playpen, \$5. Ext. 7784.

2-20 GAL FISH TANKS - Everything incl, even fish, best offer. Mrs. DiDio, 286-0372.

21" RCA COLOR TV - Walnut console, contemporary style, full remote control, excel cond, best reasonable offer. Marty, Ext. 2438, 286-0478.

SOLID MAPLE CHEST - Lt color, 4 drawers, 20"x41" x 35, good cond; vintage highboy, 3 shelves, glass door, deep drawer, best offer. Marty, Ext. 2438.

OAK FIREPLACE LOGS - Custom cut, split, delivered & stacked, well seasoned. Ken, 924-4539 eves.

HAVE 2 TICKETS TO JETS - San Francisco game, 11/28, wish to trade for tickets to other home game. Jim, Ext. 7559.

TWIN BED - Convertible sofa; air cooler; used about 2 yrs, good cond, best offer. Chang, Ext. 2403.

SNOWBLOWER - Good cond. \$75. Howard, Ext. 657.

BICYCLE - Boys' 20" Raleigh, lt-wt, conventional style. \$20. Dick, Ext. 7201, 941-3609.

COINS - 1968-S (San Francisco) pennies, brilliant uncirculated, mintsealed bag. Sell for \$20 over face value. Ext. 2959.

GIRL'S FALL & SPRING COAT - "Philadelphia Girl," size approx 8, colors red, white & navy mixture, worn 2-3 times. \$5. Ext. 572.

LADY'S WIG - New, never worn, bought on impulse, short hair, dk salt & pepper, "Adolfo." Orig price \$30, sell \$10. D.R. MacKenzie, Ext. 572.

BLK LEOTARD - Sm girl's Danskin, size 4-6x, \$2; Capezio ballet shoes, blk, size 2C, \$2; sm girl's Highland Dancing shoes, approx size 13. D.R. MacKenzie, Ext. 572.

WRINGER TYPE WASHER - Easily repairable leak. 744-5545.

COMPLETE Z METER - Mobile radio station, Heath HW-30, supply, Halos, dynamic mike. \$60. Paul, Ext. 354.

FREE - 5 baby hamsters. 281-5289.

### Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

### For Sale

1/2 ACRE - Shoreridge Hills, Shoreham, beach rts, close to Sound. 289-1003.

SOUTHAVEN-BROOKHAVEN - 2 story colonial, 3 bedrms, lg fam rm, w/w, 2 baths, 2 garages, full bsmt, fully landscaped. 286-8827.

SOUTH HAVEN - Central hall colonial, 4 bedrms, 2 baths, 17x25 liv rm w/fireplace, study, screened porch, din rm, full bsmt, all elec, thermopane windows, vacuum system, 3/4 acre wooded, landscaped. \$38,000. 286-9602.

PATCHOGUE AREA - Custom colonial, lg liv rm w/fireplace, formal din rm, 32' country kitchen, paneled study, 4 bedrms, 1 1/2 baths, finished bsmt, att 2-car garage, 1 1/4 treed acres w/lg playhouse. 289-1614.

WADING RIVER - 7 rm ranch, 1 yr old, 3 bedrms, 2 baths, paneled fam rm w/fireplace, w/w, s/s, 2-car garage, full bsmt, oil baseboard heat, central air cond, 2 mi from beach, on 1 acre of woods. Asking \$46,500. Ext. 2930, 929-6459.

### For Rent

E. PATCHOGUE - 12/1/71-4/1/72, furn 4 bedrm house, attractive neighborhood. \$200 + util. 475-1844.

### Wanted

SOMEONE TO SHARE HOUSE - Yearly rental, avail early Nov, 5 min from Lab. \$80/mo. 929-4909.

LADIES' 3-SPD BICYCLE - Moderately priced. K. Fuchel, Ext. 2446.

WOMAN - To clean sm house in Coram, off Old Town Rd, alternate Saturdays, w/wo transport. Forsberg, Ext. 2293, 732-5166 eves.

DUMP TRUCK SERVICE - Rubbish removal, tree cutting. Frank, 744-5214.

I WANT TO BUY OLD DOLLS - Any cond. 475-4199.

BOYS' 24" BIKE - In good to excel cond, w/balloon tires, no spyzers. K. Jacobs, 286-2287.

BABYSITTING - Mother will babysit at home, in Riverhead area. O. Booker, Ext. 2411.

PICKUP TRUCK - 1/2-3/4 ton, 8' body, in good cond. 286-1257.

FLUTE IN GOOD COND - Suitable for student, reasonably priced. 286-8724.

ODD JOB WORK - Carpentering painting, yard cleaning, etc., reasonable rates. Jan, 281-2002.

ELECTRIC METRONOME - Karen, 744-5741.

SEWING - & alterations of all kinds expertly done, priced reasonably. 281-2002.

ENCYCLOPEDIA - New or used, reasonable price, Britannica preferred. Yang, Ext. 2876.

HOME - For affectionate, young, white female cat w/1 blue eye & 1 yellow eye. Prodeli, Ext. 2471, 929-4860.

BUNK BEDS FOR BOYS' ROOM - 744-3995 after 4.

GOOD HOMES - Your choice of mother & 8 puppies, pure-bred Shorthair Pointers, no papers. Jane, 924-8536 after 5.

GUITAR - Folk, good cond, reasonable. K. Gray, Ext. 406.

POOL COVER - For 18'x4' above-ground pool. 472-0690.

HOME - For 1 tricolored Angora female kitten, 4 1/2 mos. \$10. Liliane, Ext. 2180.

HOME - For masculine, playful kitten, loves children, very sociable & easygoing. Richard, Ext. 7733.

HOME - For 1 blk Burmese Siamese male kitten. \$10. Liliane, Ext. 2180.

WOMAN TO CLEAN APT ON SITE - Hours can be arranged. Banks, Ext. 521/7158.

POODLES, SPANIALS, TERRIERS - To do in my home, reasonable & reliable. Tony, 924-8225.

PETS - Going on vacation, pet sitting, any kind, by day/wk/mo, reasonable & reliable. Tony, 924-8225.

BICYCLE - Boys', in fair to good cond. Ken, Ext. 7483.

TREE REMOVAL & CHAIN SAW WORK - Also light hauling. Ken, 924-4539 eves.

TYPING - Limited technical. 744-5545.

ANYONE - Witnessing an accident on 7/27/71 involving a white car & a red truck on Center St near Bell Ave. Jeanne, Ext. 2403.

### Carpools

PAYING RIDER - Would like ride from Centereach area. Louis, Ext. 482.

STONY BROOK/STRATHMORE VICINITY - M. Strongson, Ext. 2727; S. Heller, Ext. 2583.

WOULD LIKE TO JOIN OR FORM - Carpool from Pt Jeff. R. Skelton, Ext. 2108/2305.

## Selected Reading

**Technol. Rev. 74, October/November 1971**  
Energy technology to the year 2000; a special symposium:

Energy, the economy, and the environment.  
D.C. White. 18-31

Electric power from nuclear fission. M. Benedict. 32-41

Geothermal - earth's primordial energy. R. G. Bowen and E.A. Groh. 42-8

**Bull. At. Sci. 27, October 1971**

The energy crisis: Pt. II. V.L. Parsegian, et al. 2-56

### Classified Ad Policy

**Deadline is 12 noon Friday for publication the following week.**