

# BULLETIN BOARD

Volume 22, Number 4

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January 25, 1968

## Quiet Please. . . Pile Driver At Work 1-424-68



Noise and pile driving generally go together, but at the site of the new linac at AGS, piles were driven with practically no noise at all. The apparatus pictured above is a vibrating hammer powered by two 35hp motors that weighs about 8 tons and operates at about 800 rpm. The Charles T. Main Co. has used the hammer to drive 78 sheet piles for the foundation and forms at the new injector site. Noise generated by this type of hammer is comparable to that produced by an air compressor.

Photo by Humphrey

## AEC Reports Status of Nuclear Power Plants

According to the Atomic Energy Commission, in the year 1967, electric utilities have made known plans for 32 nuclear power plants. During the year, the utilities ordered 30 reactors (23 for plants announced in 1967 and 7 for plants previously announced) with a total capacity of about 24,424,000 kilowatts.

Of the sixteen operable plants in the United States, only one is in New York State, operated by Consolidated Edison at Indian Point on the Hudson River. A second and larger plant will be opened at the same site in 1969.

Next year Niagra Mohawk Power Company expects to start up a plant at Scriba, in New York, and in 1969 Rochester Gas and Electric will put its plant into operation. The Long Island Lighting Company plant at Shoreham is scheduled to be started up in 1973.

The present 16 operable plants produce a total of 2,810,100 kilowatts of electricity.

When all of the planned nuclear generating plants are operable, the total will be almost 60 million kilowatts produced by nuclear means. Conventional power plants in the United States now produce approximately 263 million kilowatts of electricity each year.

## Snow Closing

Laboratory employees are urged to listen for closing notices before starting to work on snowy days. Information on emergency closings due to inclement weather will be carried by the following radio stations:

	AM	FM
WRIV Riverhead	1390	-
WHRF Riverhead	1570	103.9
WPAC Patchogue	1580	106.1
WALK Patchogue	1370	97.5
WLNG Sag Harbor	1600	-
WGSM Huntington	740	94.3
WBAB Babylon	1440	102.3
WHLI Hempstead	1100	98.3
WLIX Islip	540	- *

## Suffolk Engineers

### Meet At Brookhaven

Seventy-five members of the Suffolk County Chapter of the New York State Society of Professional Engineers attended a monthly field meeting at BNL last week.

The group is composed of licensed professional engineers and surveyors who are living and working in Suffolk County. Paul Wingler, of the County Health Department is the chapter president. Gordon Ahlers, Plant Engineering and Planning, was host and moderator of the BNL meeting.

The society members were taken on a tour of some research facilities, including the AGS, the Graphite Reactor, and the High Intensity Radiation Development Laboratory. After the tour was concluded, a buffet supper was served at the Brookhaven Center before the evening program began.

Max Small, Manager of Plant Engineering and Planning, showed a film of the construction of the 140-foot Radio Telescope at Green Bank, and led a lively discussion after the film was finished.

The Brookhaven Spectrum was introduced by Daniel Schaeffer of the BNL Patent Office, who, after showing the film, answered questions from the engineers about the work of Brookhaven.

## Technician Scholarship Deadline Next Thursday

Applications for consideration in the Technician Scholarship Program will be received no later than February 1, 1968.

Employees who wish to be considered are asked to complete a formal application available at the Personnel Office, and return it to that office no later than Thursday, February 1. The BNL Scholarship Selection Committee will review all applications and request recommendations for selected candidates. Early in March the AEC Headquarters Selection Panel will make a final decision on the winners from BNL.

Peter Paige, Assistant Personnel Manager, will be glad to answer any questions regarding this program.

## College Catalogs At BNL Research Library

College and university catalogs, for both undergraduate and graduate studies, are available at the BNL Research Library, according to John Binnington, Research Librarian. The catalogs are from American institutions as well as from institutions abroad.

*Lovejoy's College Guide, The Comparative Guide to American Colleges, American Universities and Colleges, and American Junior Colleges* are available in the Reference Section. Also available are a number of catalogs from foreign schools. The *Grant Data Quarterly*, a guide to both government and private grants, is also to be found in the Reference Section.

The catalogs may be borrowed for home use, but the "guides" may only be used in the Research Library.

## Fifth AUI Lecturer Calls For Look At Ecosystems Of Man

The Fifth AUI Distinguished Lecturer, Ian McHarg, will talk about the failure of western society in the post-industrial period to understand the ecosystem of which we are trustees. The title of his lecture is "Values, Process and Form."

McHarg is the Chairman of the Department of Landscape Architecture and Regional Planning at the University of Pennsylvania. He was born in Clydebank, Scotland in 1920, and after serving as a Major in the parachute troops from 1939 to 1946, came to Harvard for undergraduate and graduate work. As a partner in the firm of Wallace, McHarg, Roberts and Todd, Landscape Architects and City and Regional Planners, he has worked on many projects in the eastern United States.

In the lecture to be presented on Monday, February 5, Mr. McHarg will point out the great failure of western society in the despoliation of the natural world and the inhibition to life which is represented by modern cities. It is apparent that this is the inevitable consequence of the values that have been our inheritance. It is clear that these values have little correspondence to reality and perpetrate an enormous delusion as to the world, its work, the importance of the roles that are performed, and, not least, the potential role of man. In this delusion the economic model is conspicuously inadequate, excluding as it does, the most important human aspirations, and the realities of the biophysical world.

The remedy requires that the understanding of this world, which now reposes in the natural sciences, notably ecology, be absorbed into the conscious value system of society, that we learn of the evolutionary past and the roles played by physical processes and life forms. We must learn of the criteria of creation and destruction, and the attributes of both. We need to formulate an encompassing value system which corresponds to reality and uses the values of energy, matter, life forms, cycles, roles, and symbioses.

It can be seen that form is only a particular mode for examining process and the adaptations to the environment accomplished by these. It can be tested against the criteria used to determine processes as primitive or advanced, to ascertain if these are evolving or retrogressing. When one considers the adaptations accomplished by man, these are seen to be amenable to this same criterion, but also, synoptically measurable in terms of health. Identify the environment of pathology; this is unfit, and

(continued on Page 2)



Ian McHarg

## Windshield Washers Can Cause Accidents

An accident which occurred on site recently could serve as a warning to all winter drivers. The driver involved was leaving the site on an extremely cold evening when he attempted to clean his windshield using his windshield washer. In spite of the addition of an anti-freeze solution to the washer reservoir, the spray froze the instant it hit the windshield, blinding the driver and causing him to hit the car in front of him.

The lesson here is to avoid the use of the windshield washer in extreme cold weather. If too much anti-freeze solution is added to the reservoir, damage to the car's paint finish could result, so the mixture must contain a large percentage of water. The fine spray from the washer nozzle hitting a cold windshield will almost instantly form an ice shield which is both impossible to see through and difficult to remove. Testing the windshield washer before moving the car could be misleading, because once in motion, the cold rush of air against the glass produces a "wind chill" effect which lowers the temperature even further.

The best practise is to keep a good plastic scraper and a clean rag in the car. Make sure the windshield wiper arm tension is adequate, and that the wiper blades are in good condition. Then, pray that the driver behind you has taken the same precaution.

## AUI Lecturer . . . (continued)

will reveal this in form. Where is the environment of health - physical, mental, and social? This, too, should reveal its fitness in form. The first requirement to use this knowledge is an ecological inventory in which physical processes and life forms are identified and located within ecosystems, consisting of discrete but interacting natural processes.

We must abandon the self-mutilation which has been our way, reject the title of planetary disease which is so richly deserved, and abandon the value system of our inheritance, which has so grossly misled us. We must see nature as a process within which man exists, splendidly equipped to become the manager of the biosphere; and, give form to that symbiosis which is his greatest role, man the world's steward.

The AUI Distinguished Lecture Series was inaugurated in 1966 with a lecture by Ralph Bunche, United Nations Under-Secretary for Special Political Affairs. Dr. Bunche was awarded the 1950 Nobel Peace Prize. The second lecture was by Dr. H. Bentley Glass, Distinguished Professor of Biology at State University, Stony Brook. Edwin D. Canham, Editor-in-Chief of the Christian Science Monitor was the third lecturer.

The most recent lecture, in April of 1967 was delivered by Sir Isaiah Berlin, internationally famous philosopher, historian, author and diplomat.

The series is devoted to single lectures by individuals outstanding in their field of endeavor without regard to their connection to science. Dr. George Woodwell of the Biology Department is the Chairman of the lecture committee this year.

Tickets for Mr. McHarg's lecture may be requested by means of the announcement forms recently distributed or by telephoning the Director's Office, Ext. 2357. Tickets are free and may be requested for your friends and family as well as yourself.

A buffet supper (\$3.25) will be served at the Brookhaven Center before the lecture from 6 to 8 p.m.

## New Postal Rules

In enacting the postal rate bill, Congress directed the Post Office Department to provide address correction service for mail of all classes that is undeliverable as addressed. The law also requires the charge for address corrections to be uniform for all classes of mail and to be set at a level that covers the cost of providing the service.

First-class mail is forwarded at no extra charge when the addressee has left a forwarding address, but in the past there have been no provisions for supplying the sender the new address. Under the new service the Post Office will, when requested, supply the sender the corrected address upon payment of a 15-cent fee.

To get the new service, senders of first-class mail must write "Address Correction Requested" below the return address. Then, if the piece of mail is forwarded, a Post Office Form showing the new address will be delivered to the sender and 15-cents collected.

Pieces that bear the words "Return Requested" that are returned up to January 19, 1968, will be handled in accordance with current procedures, 8¢ per piece or the single piece rate, whichever is higher.

## Hospitality News

A Hospitality Committee "Coffee" meeting will be held on Monday, January 29, from 10 a.m. to 12 noon. Come and meet your friends from on and off-site. Be sure to bring the children.

For location of the "Coffee", watch for the sign on Yale Road in the apartment area on Monday morning.



The first Exercise Class for the wives of BNL employees was held on January 18, and turned out to be a smashing success. Mrs. der Mateosian led a fast pace, and there are about 15 ladies somewhere who are REALLY limbered up.

There is still time for latecomers to join up. The class, starting at 10 a.m., will be held every Thursday for eight weeks in the gym. Babysitting is available at 25¢ per family.

Should you decide you would like to lose a few pounds or feel muscles you never knew you had, drop the children off at Apartment 4B, and be at the gym next Thursday at 10 a.m. Wear tennis shoes and leotards, shorts or loose slacks. The fee is \$5 for four weeks.

If you have any questions concerning the course, contact Adelaide Flatau, 744-9436.

## It Could Happen To You

Capitola, California - A postcard mailed in San Francisco, only 75 miles away, arrived here 56 years after it was slipped into a mail box.

The card, showing a famous cafe in Sausalito, was posted June 24, 1911 and carried a 1967 postmark.

"The only way we can account for the delay is that it does not have a zip code," the local postmistress said.

## Here and There

Dolores del Castillo

Dennis Puleston (Info Div) will serve on the AEC Exhibits Committee in connection with the forthcoming Nuclear Week in New York.

Friends of Edward Bergin (Staff Services) will be happy to know that he is making a good recovery after his recent operation. He will be at home for about four weeks before returning to work.

Charles B. Meinhold (I&HP) has recently returned from Europe where he attended a meeting of ICRP Task Group Committee 3, of which he is a member. The meeting was held in Paris, January 8-13. Following the meeting, he visited at Saclay and Harwell to discuss health physics problems and procedures.

William Higinbotham (I&HP) will participate in a forthcoming conference on arms control and disarmament. There will be a general discussion of the efforts the U.S. government is making "to prevent the proliferation of nuclear weapons and the new direction towards which arms control should look in the future." The meeting is being sponsored by the University of Minnesota World Affairs Center in cooperation with the U.S. Arms Control and Disarmament Agency.

N. Raoult of Saclay will be visiting at the Laboratory on January 26.

Staff members of the engineering firm of Wilcox & Gibbs will be here on January 26. Following an introductory talk to be given by Daniel Schaeffer (Patent Office), they will tour some of the Laboratory's facilities.

On January 22, Harvey Wegner (Physics) addressed the American Association of University Women at a meeting in Manhasset. His talk was entitled "Research Facilities for Nuclear Physics at Brookhaven."

Dorothea Ripperger (Medical) is making a good recovery after her recent operation. She will be at home for some weeks before returning to BNL.

An IAEA training and inspection mission has been at the Laboratory this week working with the Reactor Division at the graphite and medical reactors.

John Penney (Reactor) is at home after his recent operation. He is coming along nicely, but it will be a while before he's back on the job.

On January 18, BNL was host to the Suffolk County Chapter of the N.Y.S. Society of Professional Engineers.

Stanley Osher (Applied Math.) will address the Institute for Space Studies in New York. His address will be entitled "Systems of Difference Equations with General Homogeneous Boundary Conditions."

On January 8, M.C. Ledbetter (Biology) gave a seminar at the Illinois Institute of Technology, Chicago, entitled "Development of the tapetum during microsporogenesis in Saintpaulia."

On January 2, Geoffrey Hind (Biology) presented a paper at the meeting of the Society for Environmental Biology held in London. The title of the paper was "Photophosphorylation in Spinach Chloroplasts."

R.W. Dodson (Chemistry) was invited to attend the Annual Review Symposium of the USAEC Inorganic Materials Research Laboratory, held in Berkeley, January 18 and 19.

B.P. Schoenborn (Biology) gave a seminar on January 18 at the School of Medicine, University of Maryland, Baltimore, entitled "Adsorption of anesthetic gases to proteins - An x-ray diffraction investigation."

## BULLETIN BOARD

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Public Relations Officer

## Letters To The Editor

Dear Sir:

When are scientists going to get together and try to speak the same language? How much longer are we going to use BeV and GeV interchangeably? Are we now going to write the mass of an element in a superscript preceding the element or are we going to have it follow the element in the style of typing? How can we expect the layman to understand us if we can't decide on a standard way to call a spade a spade. . . . or is it a shovel?

Perplexed

## Arrivals & Departures

### Arrivals

Susan S. Heath.....Biology  
Garfield Langhorn.....Pl. Engrg. & Plan.  
Naomi R. Pappas.....Medical  
Cielo Maria Santiago.....Chemistry

### Departures

Daniel A. Mann.....Supply & Materiel  
Pamela D. Mansfield.....Pl. Engrg. & Plan.  
Frederick R. Truman.....Nuclear Engrg.  
Erminia Vaccari.....Physics

## Service Awards

### January 1968 Twenty Year

Ackert, Benjamin C.....Shops  
Augustitis, Peter.....Accelerator  
Dawson, Walter H.....Security  
Dick, Arthur C.....Mech. Engr.  
Friedlander, Gerhart.....Chemistry  
Klein, James R.....Biology

### Ten Year

Bindel, Ernest C.....Chemistry  
Delph, Alfred.....Nucl. Engr.  
Fink, Seymour.....Nucl. Engr.  
Kaplan, Eugene S.....Accelerator  
Kiselyak, William L.....Physics  
Reany, Philip J.....Shops  
Seltzer, Stanley.....Chemistry  
Stafetas, James.....Accelerator  
Densieski, Adolph E.....Accelerator

A THEFT  
FROM YOUR GOVERNMENT  
IS A THEFT FROM  
**YOU!**

REPORT  
THEFT OF  
GOVERNMENT  
PROPERTY

FBI

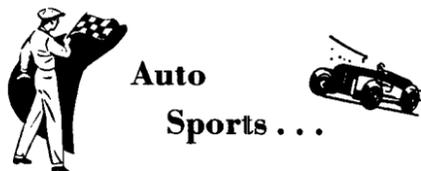
## BERA Activities Now On Display

Twenty-three of the thirty-odd BERA activities have been completely explained in a new series of information sheets available at the Recreation Office.

George Sabine, Recreation Director, and John Binnington, Research Librarian and BERA Board member, started the project of collecting and editing the information for each club activity. Ken Boehm of the Graphic Arts group was consulted on the typography of the sheets and contributed much technical help in making a different heading for each of the twenty-three sheets.

For the first time since the BERA seal was designed by Don MacCornack of Plant Engineering and Planning, the BERA motto has been used in conjunction with the seal. "Opportunity through BERA to serve, to compete, to create" appears on the heading for each sheet.

This week two of the activities will be explained in the *Bulletin Board*, and each following week another activity will be explained until the entire series has been printed.



### Auto Sports . . .

Do you own a motor vehicle? Did you know that in a rally put on by our Club, a Corvair won first place? And in another, a 1931 Caddy convertible was entered? How about these entries - a motorcycle and side car and a couple in a pickup truck. The point is, anyone can enter any type of car in a rally.

**What is a rally?** A rally is a slow speed event for two people per car. Here's what happens - a course is prepared in the form of numbered clues, such as: 1) Turn left after exiting parking lot; 2) Turn right at Smith Street; 3) Turn left after railroad tracks. And so on for approximately 75 clues. Easy to follow? It is, however - when you're trying to follow the course, you're to maintain an average speed for purposes of scoring. Suppose we said to average 30 mph. If the rally were 40 miles long, it should have taken you 80 minutes to finish. Of course, you didn't know the distance to be travelled when you started. So - how to average 30 mph: 1) Note the time you left; 2) Note your mileage at the start. Then all you do is: 1) See how long you have been driving; 2) Note new mileage. Example: We have travelled 20 miles so far and we've been out 40 minutes.  $30 \text{ mph} = 2 \text{ minutes per mile}$ , so  $2 \times 20 = 40$ . If you've gone over 20 miles, you're going too fast; or if you've covered less than 20 miles, you know you're going too slowly. Easy, isn't it? It takes two people to enter a rally: a driver and a navigator. Cars depart at one minute intervals. Rallies are held Saturday nights and finish at a friendly Hofbrau house. Trophies are awarded, refreshments are available, and dress is casual. To sum it all up, a rally is a "togetherness night" out. New friends are made and each new couple that participates finds a new hobby.

**Want something a little faster?** Here is the word for you: Gymkhana (Jim-can-a). This is a maneuverability event for one person through an obstacle course of rubber road detour pylons. To double the fun, some gymkhanas are set up for two people. Cars are grouped in classes. Women's times are separate from men's.

**Interested?** New members are more than welcome. Contact the Recreation Office (Ext. 391) for further information.



## Tonight's Concert Features Guitarist

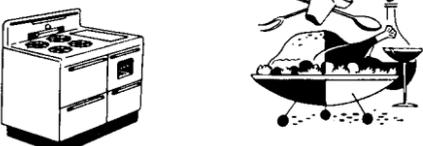
The sensitive fingers of Oscar Ghiglia will make the music of Mudarra, Falla, Albeniz and others come alive at the Brookhaven Center tonight, January 25.

Ghiglia is one of those artists who carry with them some kind of a mystique that gives their performance a highly personal quality. He quickly establishes the ground rules of the guitar's dynamic capacities and is never tempted to push beyond them. His technique is extraordinary. He creates a rhythmic pulse, and within this pulse he knows how to give and take.

"Homage a Debussy" by Falla, "Four Preludes" by Mudarra, and Roussel's "Segovia" will be among the selections Ghiglia will perform.

The concert will begin at 8:30 p.m., and refreshments will be served at the Center after the concert.

## Cooking . . .



The Cooking Exchange was instituted in 1962. It was started at the suggestion of Laboratory wives and foreign visitors. The common interest in food forms a point of contact for other social get-togethers for families.

The purpose of the Cooking Exchange is to demonstrate, exchange and sample the exotic, as well as standard, dishes of various countries. All Laboratory wives are invited to participate in these cooking sessions.

The group meetings, which begin in September and continue through May, are held in the Recreation Building on York Lane. Two are scheduled monthly during the late afternoon hours. Babysitting services are provided at a modest fee which helps defray the expenses.

BERA has published a cookbook entitled "The Glorious World of International Cookery," which contains cooking recipes demonstrated at Cooking Exchange sessions. Copies may be purchased at the Recreation Office.

One of the annual highlights of the program is a Christmas party to which husbands are invited to partake of the delicacies and goodies of the season from many countries. A fabulous dinner, to which the husbands are also invited, is given at the termination of the year's activities in June.

## BERA Film Series

Thurs., Feb. 1, 8:00 p.m. - Lecture Hall

### The Devil's Eye

Directed by Ingmar Bergman, starring Jarl Kulle and Bibi Andersson.

In order to cure a sty in his eye the Devil sends Don Juan from Hell to seduce a pastor's chaste daughter whose virginity is the cause of the Devil's discomfort. So the greatest lover of all time and his bawdy servant return to earth and attacks with alternating subtlety and boldness. Bergman has staged his comedy with sureness and a great sense of style with witty dialogue and luminous photography. This film is easily one of Bergman's best comedy efforts.

**Short: Allegro Ma Troppo.**

Automatic cameras, using accelerated motion have recorded various aspects of Parisian life, from traffic jams to nightclub spectacles, between six o'clock in the evening and six in the morning. By using this technique, twelve hours flit by in as many minutes on the screen. The resulting collage is reminiscent of abstract paintings, combined with the frenzied rhythm of modern city life. —Harvard Lyman

**No Movie tonight.**

## Tickets Available

### Personnel Services

**Tickets and Reservations Available** - Theatre tickets may be purchased at a 20% discount and reservations for dinner/theatre may be made at a 10% discount. Schedules and prices are posted in the Recreation Office. All orders must be placed in person at the Recreation Office between the hours of 9 a.m. and 1 p.m. daily, and accompanied by a check or money order made payable to the theatre at least two days in advance. Dinner/theatre requires only a \$5.00 deposit per person. Sorry - no discounts on Saturday nights.

**Mineola Theatre** - Now through February 4 "The Student Prince"; February 6 through 18 "The Homecoming" with Orson Bean.

**Wedgewood Dinner Theatre** - January 26 & 27 "An Evening with Denise" with Denise Darcel; February 2 & 3 Variety Show; February 14 through April 7 Tom Poston in "A Funny Thing Happened on the Way to the Forum".

**LI Ducks Hockey** - Reservations for discount tickets may be made by calling the Recreation Office, Ext. 2808, at least two days in advance of desired date. Reservations can only be accepted for any one of the three upcoming scheduled games and must be paid for at the LI Arena Box Office. Schedule information is posted at the Recreation Office. Next three games: January 26 New Haven; February 2 Johnstown; February 4 New Jersey.

**Discount Exchange Tickets** - May be picked up at the Recreation Office from 9 a.m. to 1 p.m.

"I Do! I Do!" with Gordon MacRae and Carol Lawrence at the 46th Street Theatre, New York.

## Film Service

This service, which offers employees a substantial discount on the sale of film and film processing, is located in the Gymnasium Building opposite the Recreation Office. The office is open daily from 9:00 a.m. to 3:00 p.m. A receptacle is available for the deposit of film for processing at hours other than those normally scheduled. Stop by and look around. For additional information, call Connie on Ext. 7221.

## Bowling News

by Pat Towey

**Oh yes, Mike Rothbart, there will be an Awards Night.**

Results of voting by all league bowlers showed a distinct interest in our annual Awards Night. We are planning to hold our affair (ahem) on-site on Saturday, May 11, 1968 in the Gym.

Remember the bee-hive activity that went on in the past in preparation for this event???? Well, here we go again. Volunteers will be needed - so prepare yourselves - we are going to need you and you and you.

Chairman (lady) for the night is Pat Towey, and she will be contacting leagues for members to work with her on committees. Believe me, she needs all the help she can get.

Remember - Saturday, May 11 - in the Gym, and if you should feel like volunteering, give Pat a call on Ext. 602.

Bowlers trying for trophies include these latest high scores:

**Purple League** - F. Hohmann, 237; C. Cantera, 682 gross; R. Vogt, close to 596 scratch (200/188/208)

**Pink League** - Irma Carl, 210

## BERA Club Meeting Schedules

**Aviation Club** - No set schedule.

**Camera Club** - No set schedule.

**Camping Club** - Meets third Thursday of every month at the Recreation Building in the Lounge at 8 p.m.

**Cooking Exchange** - Meets every other Thursday at the Recreation Building from 3 to 5 p.m.

**Judo Club** - Meets every Tuesday and Thursday evening in the Gym at 5:15 p.m. for about an hour.

**Mountain Club** - Meets every Thursday behind the Cosmotron at 5 p.m.

**Radio Club** - Meets second Thursday of every month at the Recreation Building at 7:30 p.m.

**Rifle-Pistol Club** - Meets first Friday of every month at the Rec Building at 8 p.m.

**Sports Car Club** - Holds meetings at rallies about once a month.

**Organized League Activities** - See the posted Gymnasium schedule for league information.

Watch the *Bulletin Board* for announcements and changes to the above schedule.

## 1968 BNL Holidays

Monday	January 1
Thursday	February 22
Friday	February 23
Thursday	May 30
Thursday	July 4
Friday	July 5
Monday	September 2
Thursday	November 28
Friday	November 29
Tuesday	December 24
Wednesday	December 25

New Year's Day
Washington's Birthday
Extra holiday for 1968
Memorial Day
Independence Day
Extra holiday for 1968
Labor Day
Thanksgiving Day
Fixed Holiday
½ holiday before Christmas
Christmas Day

## Classified Advertisements

### Autos & Auto Supplies

65 IMPALA SPORT COUPE - Ps, auto trans, 283 cu in, 2 barrel, silver blue, clean, must see. \$1400. D. Miller, 281-8579.

63 MG 1100 - R/h, good tires, 28 mpg. Mike, Ext. 7773.

58 OLDSMOBILE TRANS - \$25; tri-power manifold, \$15. Bob, Ext. 7769, 298-8509.

59 PONTIAC CATALINA STATION WAGON - 4 dr, V8, r/h, auto trans, good cond. Asking \$300. 281-6171.

65 CATALINA - 4 dr, hdtip, loaded w/power & air, 33,000 carefully maintained mi. Good buy. Frank, Ext. 7239.

64 FORD GALAXIE 500 - V8, auto trans, ps, r/h, extras, excel cond, 1 owner. \$1500. Bob, Ext. 2912.

SWAP - 2 Ford wheels, 1 14" other 13" for 1 Chevrolet 14" wheel. Bob, Ext. 7189, 289-0357.

60 CORVAIR - Auto trans, needs muffler & tune-up. \$100. EM3-6888 after 5 p.m.

59 IMPALA 348 - 250 hp, 3 spd Hurst, 3:70 rear, 6 new tires, brakes, generator, clutch, r/h, ps. C. Reed, Ext. 2257.

64 CORVAIR SPYDER - Turbo-charged, 4 spd shift, r/h, new snow tires, limited slip differential, good cond. Ext. 2989, 473-7657.

62 MERCURY METEOR - Delux, auto trans, ps, radio, snow tires on. 286-1218.

63 JAGUAR XKE - 22,000 mi, black coupe, excel cond, cared for by Zumbach Motors since new. Ext. 602.

60 TRIUMPH TR-3 - Eng recently overhauled, TR-4 trans. D. Michael, Ext. 7615, 751-8776.

TIRES - 2 used Pirelli Cinturato w/tube, 1.65x14, \$7 each; 2 used Firestone tubeless, 6.00x15, \$3 each. Ext. 7612, HR3-7951.

MERCEDES BENZ 220S - Std trans, ps, am-fm radio \$900. AT6-3756.

66 CORVETTE - 350 hp, 4 spd, posi, 2 tops, r/h, wide ovals, pb, factory guarantee thru April, perfect. \$3200. 472-0455.

### Boats & Marine Supplies

67 GARVEY 24' - Decked enclosed shelter cabin, fiberglassed. Sacrifice, \$600. AT6-8610.

DAY SAILER/O'DAY - 17' sloop new in 65, Hild sails, trailer, boat cover, lights, anchor, pump, etc. \$1600. Spinrad, Ext. 2533.

58 OUTBOARD EVINRUDE - 5.5 hp, \$55; Pram, 6' fiberglass, oars, locks, \$55. R. Meyer, Ext. 2934.

FINLANDER 21' SKIFF - W/shelter cabin, 65 hp Universal, monel gas tank, full canvas, winter cover, head, many extras. \$1500. Ext. 7166.

### Miscellaneous

AUTOHARP - Oscar Schmidt 15 bar model, fun & easy to play. \$40. Ext. 2357.

BRONZE FLATWARE - From Thailand, 48 pieces, 8 place settings + 6 serving pieces. 724-3035.

3 PIECE SECTIONAL - Corner table, lg hassock, all in good cond. \$50. Denning, 289-1242.

1 CORD OF SEASONED CORD WOOD - Oak, apple, birch & maple, delivered. \$40. JU4-5121.

FIGURE SKATES - Girls, size 4, 2 prs in excel cond, \$4/pr; 15"x10"x8" hamster cage, \$2; solid maple bureau-desk combo, 4' high, \$10. Weinstock, AT6-0263.

GRUNDIG TABLE MODEL RADIO - Used 4 to 5 mo. List \$60, sell \$35. Ken, Ext. 2216.

GOLF CLUBS - Spalding Irons (2, 3, 5, 7, 9), pitching wedge, putter; Wilson Woods (1, 3), excel cond. \$40. Korhut, Ext. 2411.

CLAM RAKE - 20 tooth Huntington. \$12. AT6-8610.

ICE SKATES - Boys size 8, like new, used once. \$6. A. Marino, Ext. 2573.

2 MALE KITTENS - Beautiful, excel temperment, ½ Siamese, all shots, 3 mos, prefer someone to take pair since they are very attached to each other. M. Tainiter, Ext. 2728.

MOVIE PROJECTORS - Bolex Super 8 & Argus 8 mm, both almost new. M. Strongson, Ext. 2727.

MAHOGANY DROP-LEAF TABLE - Seats 12, heat proof pad, 4 mag rose Bach chairs, \$50; Gov Winthrop secretary, mag, \$25. GR5-4729.

SKI EQUIPMENT - Child's skis (160-cm) & poles, \$10; youth ski boots, size 5, 8; man's Rieker double boots, size 10 wide, \$20. Borg, Ext. 2924, 286-0428.

MAGUS ELEC ORGAN - New, portable, still in carton. \$20. JU4-6729.

ANTIQUÉ SKEINER - \$25. B. Kohler, Ext. 395.

TRAILER HITCH - For Mercedes Benz, used 3 times. \$15. Mildred, Ext. 7752.

BICYCLE - Boy's 20", new tire. \$7. AT6-0795.

ICE SKATES - Boy's size 10, double runners, \$3; Girl's size 2, \$5; good cond, used only 3 times. R. Larson, Ext. 2469.

BEDROOM SET - Oak, chest, dresser, nite table, mirror, single bed frame, very good cond. \$100. John, Ext. 458.

½ HP REVERSING SINGLE PHASE MOTOR - Barker Bench Miller, swivel vise & riser block, excel cond. \$200. R. Kólsinsky, Ext. 2596.

HAMMOND ORGAN - 2 yrs old, 2 manual keyboard, full foot pedals. \$1700. Ext. 2588.

ELEC CLOTHES DRYER - Old, but excel cond. \$25 firm. Rosalie, Ext. 2342.

HANGING CHAIN LAMP - Lg cluster of grapes, blue & green, brand new. Cost \$45, asking \$25. 289-5704 after 5:30 p.m.

FULL SIZE DESK CALCULATOR - Freiden, Mod H, manual operation. \$70. Ext. 353, AT6-0436.

"VOICE OF THE THEATRE" SPEAKER ENCLOSURE - Altec Lansing, hand-rubbed, oiled walnut finish, never used. \$75. R. McCarthy, AT9-0848.

2 FULL RANGE SPEAKERS - James B. Lansing "D130", 15", mounted in Lafayette "Hi-Boy", bass reflex enclosures. \$150. R. McCarthy, AT9-0848.

HOT AIR PIPELESS FURNACE - Oil fired, 275 gal tank, all controls. \$99.95. AT6-8945.

JOHN WOOD ELEC HOT WATER HEATER - Glass lined, 52 gals; 40" Westinghouse elec range; both in good cond. M. Hall, Ext. 7629, 878-0817.

MICROSCOPE - 3 objectives, 2 eyepieces, for budding biologist. \$6. Ext. 597, AT6-0436.

MICROMET UNIT - 3 lb capacity, \$5; force type water hand pump, \$5. Ext. 597, AT6-0436.

VOIGTLANDER PERKEO II CAMERA - W/flash, uses 120 film, good cond. \$22.50. Hank, Ext. 7395.

EICO ST-40 STEREO AMPLIFIER - Like new cond. \$50. Gene, Ext. 7223.

BABY CARRIAGE - Pedigree Pram, excel cond. \$40. Gene, Ext. 7223.

3 PR ICE SKATES - 1 black size 1; hockey size 2; 1 white size 4. \$3/ea. JU8-5833.

REFRIGERATOR - GE, 12 cu ft size, in excel cond. M. Greene, Ext. 7779.

AMANA FREEZER - 8 cu ft, excel cond. \$25. M. Greene, Ext. 7779.

ADMIRAL 21" TV - In fine working order. \$25. Ext. 7779.

STRATOPHONIC MUSIC SYSTEM - Harmon Kardon, 50 watt am/fm stereo tuner, HK 40 speakers, walnut finish. Hooper, Ext. 7464.

BABY CARRIAGE - Atlas Coachette, navy w/accessories & mattress, perfect cond. Paid \$85, make offer. Lou, Ext. 2126.

OAK FIRE WOOD - Seasoned, guaranteed to burn, pick up or delivered. Reasonable. 732-4195.

PISTOL - Ruger Mark I, accurtized, wide trigger, reworked clip, ammo, \$58; 30-06 Remington Model 721, 2½-8 power scope, adjustable trigger, recoil pad, sling, \$125. R. Meyer, Ext. 2934.

### Houses

HOLBROOK - 3 bedrm custom built ranch, 2 baths, wood panel liv rm, full basement, garage. 585-5267.

WADING RIVER - 2 bedrm ranch, ww carpeting, baseboard h/w, double garage, full basement, 130'x150', dogwoods surrounding area, good location. 929-4714.

MILLER PLACE - Authentic, restored cape, 200 yr old, 8 rms, 3 fireplaces, 2 baths, ¾ acre. \$45,000. Joan, Ext. 574, HR3-6958 after 6 p.m.

BROOKHAVEN VILLAGE - 8 rm colonial on bulk headed canal, priv dock w/5' of water to bay, double garage. \$31,000. AT6-0322.

BROOKHAVEN VILLAGE - 4 bedrm ranch, liv rm, din rm, porch, 1½ baths, double garage, 1½ acres fully landscaped, 150' frontage. \$31,000. AT6-1358.

PATCHOGUE - 2 bedrm cape cod, expansion attic, attached garage, ¼ acre fully landscaped & fenced, 1 block from Bay, immed occupancy. \$14,000. 475-4345 after 5 p.m.

BELLPART - Colonial gem, on almost an acre of prop, beautiful trees, fireplace, carpeting, porch, playhouse, garage, cedar attic, rms. Spinrad, 286-8644.

BROOKHAVEN VILLAGE - 3 bedrm, liv rm, din rm, family rm, w/fireplace, garage, 1½ baths, landscaped ½ acre. 286-1218.

OAKDALE - Idle Hour, 4 bedrm colonial split, cathedral liv rm, fam rm, 1½ baths, garage, landscaped, patio, extras. \$19,500. R. Strand, LT9-1889.

### For Rent

MASTIC - 1 bedrm, furn, winterized cottage, w/ garage, ideal for bachelor. \$75/mo. Skalyo, 281-8165.

BACHELOR/BACHELORETTE - 5 rm apt, located Center Moriches near shopping center. \$95/mo, heat & util rates low. Ferrer, 878-1969, 878-0792.

E. PATCHOGUE - 3 bedrms, liv rm, kitchen, furn, avail until June 1. \$125/mo. G. Dioguardo, AT6-9108.

N. PATCHOGUE - Furn, efficiency apt, suitable for 1. GR5-7372.

E. PATCHOGUE - 2 bedrm house, furn, fenced yard. \$125/mo. AT9-1511.

### Wanted

BABYSITTER - For 4 yr old boy for mo of Feb, 3 days/wk, Lake Ronkonkoma-Holbrook area. Jackie, Ext. 486.

KNITTING YARN - If you have no use for it, I can make use of it. Ann, Ext. 562.

REGULATORS - 1 oxygen, 1 acetylene, for use w/ cutting torch. Bob, Ext. 7769, 298-8509.

PARTS - For rebuilding & modifying a Ford Flathead V8. Bob, Ext. 7769, 298-8509.

HOME - For pure white, yellow eyed, part Angora 8 mo old, female kitten, pan trained. GR5-3160.

BUYER - For 2 bedrm ranch, w/w carpeting, baseboard h/w heat, double garage, full basement, 130'x150', dogwoods surrounding area, Wading River. Ext. 2234.

TO RENT - 2 bedrm house, E. Patchogue area. John Ext. 7180.

CHEMICAL EQUIPMENT - & apparatus for my son's lab, particularly scale or balance. M. Plotkin, Ext. 7103.

TAXPAYERS - Federal & State Income Tax Forms prepared in the privacy of your home, call for an appointment. GR5-8330.

WOMAN - On site to care for 2 children (8 mo & 22 mo) in her apt, 4-6 hrs a day. 929-6104.

CAR - Must be in good cond, have auto trans, preferably not over \$1000. Ogle, Ext. 2845.

63-64 CHEVROLET STATION WAGON - In good mechanical cond, 9 psgr. 732-8268 after 6 p.m.

2 DRAWER FILE CABINET - In good cond. L. Joiner, Ext. 2741.

PERSONS - To attend meeting Organic Gardening Club, Wed, Jan 31, at Centereach Lanes, Horseblock Rd, 1 mi south Jericho. M. Hall, Ext. 7629.

CHILDRENS CLOTHING - Book, toys, boots, are especially needed. T. White, Ext. 2504.

HANDWEAVING LOOM - & spinning wheel, both in working cond, not for antique value. Thelma, Ext. 7424.

USED VW - Running or not, needed by fledgling mechanic. Inexpensive. Lou, Ext. 2126.

BRIDGE PLAYER - For friendly game 1 evening a wk. Ext. 2217.

### Car Pools

DRIVER WANTED - To compl existing 3-member carpool from Riverhead. Bill, Ext. 444.

PAYING RIDER - From Northport area needs ride. Mike, Ext. 2871.

W. BABYLON/BABYLON - Want to join or form carpool from this area. Ext. 2389.

SMITHTOWN/ST. JAMES - Desire to form or join established carpool from this area. D. Donato, Ext. 2288.

EAST ISLIP - Established 3-man carpool looking for 1 or 2 additional drivers. S. Kalish, Ext. 2524.

MASSAPEQUA - & points west, 1 or 2 additional drivers wanted for 5-man carpool. Dave, Ext. 2554.

### Lost and Found

LOST - Brown leather gloves, Fownes brand, on site. Humphrey, Ext. 2178.

### Classified Ad Policy:

1. The Bulletin Board's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
4. Ads associated with a full- or part-time business cannot be accepted.
5. Ads should be restricted to 20 words or less and typed or

- printed on the form provided. (Additional copies of the form are available at the Bulletin Board office.) Twelve noon on Friday is the deadline for inclusion in the following week's issue.
6. Ads are run on a space-available basis; those not carried because of space restrictions will be held for inclusion in the next issue.
  7. Ads are run only once and must be resubmitted if they are to be repeated.

<input type="checkbox"/> For Sale: Auto & Auto Supplies	<input type="checkbox"/> For Sale: Houses	<input type="checkbox"/> Carpools
<input type="checkbox"/> For Sale: Boats & Marine Supplies	<input type="checkbox"/> For Rent	Check <input type="checkbox"/> the heading applying to your ad.
<input type="checkbox"/> For Sale: Miscellaneous	<input type="checkbox"/> Wanted	Print or type your ad in 20 words or less.

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature ..... Life No. .... Ext. ....

Send to: BULLETIN BOARD, 40 Brookhaven Avenue