

## New Banking Services Available On Site

As of November 1, 1976, the on-site Bankers Trust Company facility has undergone a significant change which will result in improved services, noted below.

**Free Checking** is available now with the No Charge Checking Plan which provides a personal checking account with no monthly service charge, no per check charge, no minimum balance and no limit on activity. To qualify for this service you need to maintain a \$500 balance in a 5% Day of Deposit to Day of Withdrawal statement savings account, and have the branch office adjust its records. If your savings balance should fall below \$500 at any time during the month, you simply pay \$2 per month for the checking service until you get your savings balance back to \$500.

**Advance Checking** is a revolving line of credit of from \$400 to \$5,000 which you may draw upon when you need to write a check for more than is in your account. Use of advance checking requires credit line approval. When you use your credit line, just write a check and Bankers Trust Company automatically transfers the funds to your checking account. Finance charges begin the day you borrow the money. Your monthly statement will provide a breakdown of the funds used, finance charges and the minimum payment required each month. Applications for credit line approval are available at the on-site branch.

If you maintain a **Regular Checking** account with an average balance for the statement period of \$801 or more, you pay no fee for the service. Below that figure, charges range from \$1 to \$4 per month, depending on your average balance.

**Special Checking** customers now pay 15¢ per check and a 75¢ per month maintenance charge. The maintenance charge is waived if 11 or more checks are processed during the statement period.

Another feature that will be offered to Laboratory employees, who currently have a 4½% Statement Savings Account with Bankers Trust Company, is to convert each of these accounts to a 5% Day of Deposit to Day of Withdrawal Statement Savings account. This will allow you to save at the

Laboratory banking facility at the highest rates permitted by law. This conversion will take place early in 1977.

The **Any Branch Cash Card** can be applied for which permits you to cash your personal Bankers Trust Company check up to \$150 in any of the 120 branch offices, without the need for the normal approval procedure, by merely presenting the card to the teller. Transactions over \$150 can be made with the necessary approvals. This service is available without charge.

Brookhaven employees will have available for their exclusive use, a full range of auto, personal and home improvement installment loans at rates below those available elsewhere.

The **Pyramid Service** statement is new in that it not only itemizes your checking transactions, but if you request it, will give you the picture on all financial transactions you have with the bank.

## Avoid The Long Line

Currently, about 900 employees are having their weekly or monthly pay checks deposited by the Laboratory directly to the bank of their choice. If you are not yet taking advantage of this system, here are some of the reasons it's a good idea:

- it eliminates the necessity of standing in line to cash your check
- it's an energy saver - one less trip in your car
- if you're using the on-site bank, you're guaranteed that the deposit will be credited to your account on payday, thus avoiding the vagaries of mail delivery
- if you are ill or away on vacation, you need not be concerned about your paycheck, since it will be forwarded to your bank

This convenient system is easy to put into operation. Simply fill out the required form at Payroll advising them to send your check to the bank where you have an account.



William Marin, Jr., Photography and Graphic Arts, won sixth prize in the 1976 Nikon Photography Contest. Twenty winners were selected out of a field of 350 entries. This striking fireworks display is the result of a 400X photomicrograph of phytoplankton (*Dissodinium lunula*).  
(Story on page 2)

## Sun Energy: Past And Future

The search for an abundant cheap energy source is age old and the possibility of harnessing solar energy has long historical roots. Today's society, motivated by the high cost of imported oil and the possible danger to the environment caused by the use of coal and nuclear, has again turned to solar energy as an alternate. The image of a "free" nonpolluting energy course and the claim that the "technology is here" has excited the imagination.

In the 142nd BNL Lecture, James G. Cottingham will discuss "Solar Energy: A Review of the Current Technology" at 8:00 p.m., Wednesday, December 15, at Berkner Hall.

He will review the history of the development of solar energy and will describe in detail the current flat-plate collector technology together with the potential social and technical concerns that may affect its acceptance. The potential of generating electric power from solar energy, via thermal processes will be examined. Included will be a description of the ERDA sponsored development of the solar power tower.

Cottingham will present some possible solutions and novel approaches to the identified problems and will discuss a BNL study of the use of solar generated steam in commercial building space conditioning systems.

He maintains that many techniques are required to fully harness the great solar energy resource vital to the survival of our present way of life. "Enthusiasm for the 'present technology' must not limit our search for better and more cost effect approaches," he says.

Gary Cottingham joined the Laboratory in June 1949 after graduating from the



Gary Cottingham

University of Illinois. He is a Senior Electrical Engineer in the Accelerator Department and has been active in accelerator design, including the Cosmotron, the AGS and conversion and the 50 MeV Linac. For the last three years he has devoted himself to solar energy research.

A buffet supper will be served in the Brookhaven Center before the lecture beginning at 6:30 p.m. Reservations should be made in advance by calling Ext. 3541 before 5 p.m. Refreshments will be available in the lobby of Berkner Hall immediately after the lecture.

## One Night Pool Closing

The pool will be closed on Monday, December 13, between the hours of 5:00 and 9:30 p.m. Normal schedule will be resumed on Tuesday, December 14.



Dave Kassner (standing), Jim Sanford (at his left) and Paul Mohn (directly across the table) brief engineers from Ammann & Whitney on the proposed ISABELLE project.

## Firm Chosen For ISABELLE

Another milestone has been reached in ISABELLE's steady progress, with the selection of the firm of Ammann & Whitney, of New York City, to undertake the standard construction elements of the proposed storage accelerator.

A team of engineers from the construction firm arrived on site Monday to work on Title I of the program, including a cost estimate of the conventional construction. They will be staying at Brookhaven for the next few weeks and will work with the staff of the Accelerator Department, Plant Engineering, and Safety & Environmental Protection Divisions on the various aspects of ISABELLE.

The arrival of the group was the culmi-

nation of the work of a Laboratory committee which spent five months reviewing the qualifications of literally hundreds of firms in the northeast. When the list was narrowed to 15, each of the companies was asked to prepare a proposal. From these, six firms were asked to send representatives to the Laboratory for an interview. Ammann & Whitney was the final choice.

The committee which labored long to find just the right firm for this important work was chaired by Sandy Earle (Director's Office) and included Robert Drucker (ERDA), Lou Harson (Plant Engineering), Harvey McChesney and Julius Spiro (Accelerator).



Peter Nicholson and one of his sculptures that will be on view next week in Berkner Hall. — photo by Rosen

## Illusions In Space

Peter Nicholson, who is the director of the holography program of the Cooper-Hewitt Museum, Smithsonian Institution, will exhibit some of his sculptures which he calls "Space Games" at Berkner Hall beginning December 13 at 8 p.m.

This series of horizontal mirrored planes with free moving objects, represents a new step in the exploration of sculptural space that has been the dominant theme of Nicholson's work, from his "water sculpture" to holography.

In the early 1960's, after intensive studies in hydrodynamics and the nature of laminar flows, Nicholson developed "water sculpture" which created large, translucent sheets of water that were manipulated into a variety of water forms that together formed complex sculptural and kinetic water sculptures.

Later in the same decade Nicholson developed light sensitive paintings in which planes of receding and advancing colors were manipulated by the impinging light to give dramatically changing gestalt figure-ground relationships.

A further evolution of the relationship of the object and pictorial space were his sculptures called "Reflectives" which he started in 1970. In them, Nicholson arrives at a highly convincing illusion by placing half of a regular geometric form against

front surface mirrors. The mirror completes the object thus giving the appearance of the full object hovering in space.

In "Space Games" by making his mirror planes horizontal and the objects free moving, Nicholson allows the viewer to become a participant in the game, where the sculpture and the sculptor are but two elements in the creation of varying spatial configurations.

For the last six years, in collaboration with scientists and holographers, Nicholson has been working in holography, the new three-dimensional imaging medium. He is a Research Collaborator in the Chemistry Department and has maintained a holographic laboratory there since June 1975.

## Cooking Xmas Party

You are all invited to the Cooking Exchange Christmas party on Wednesday, December 15, from 12:30 to 2:30 p.m. in the Recreation Building.

Bring your holiday spirit and your sweet tooth. Show off your culinary expertise by bringing a big plate of your favorite holiday sweet specialty - cookies, candy, sweet bread, or whatever - for all to taste and rave about.

Everyone come; men as well as women. Babysitting will be provided. Merry Christmas to all!

## Silver Anniversary Celebration



Forty-six employees passed the 25-year mark at the Laboratory during the year 1976 and a party was held at the Center Monday evening to mark this special event. Among those celebrating were: (from left) Orrington Dwyer (DAS), Edward Shelton (Pl. Eng.), Dorothy German (S&EP), Norman Nelson (Pl. Eng.), and Harvey Bumstead (Accelerator).

## Service Awards September

### Twenty-Five Years

Harvey E. Bumstead ..... Accelerator  
Lola E. Kopp ..... Applied Science  
Ralph E. Weston, Jr. .... Chemistry

### Twenty Years

Michael F. Degen ..... Applied Science  
Kenneth J. Dixon ..... Plant Engr.  
Robert F. Glasmann ..... Accelerator  
Walter L. Kalinowski ..... Applied Science

### Ten Years

Kenneth L. Andersen ..... Plant Engr.  
Frank H. Atkinson ..... Accelerator  
Harold C. Berry ..... Applied Math.  
Graham H. Campbell ..... Applied Math.  
Suh Ark Chung ..... Physics  
John H. Cusack ..... Applied Science  
Earle O. Dickerson ..... Plant Engr.  
Richard J. Ferdinand ..... Accelerator  
Ruth P. Francois ..... Physics  
Junichi Iwai ..... Medical  
Sidney H. Kahana ..... Physics  
Frank G. Kedenburg ..... Supply & Materiel  
Thomas LoConte ..... Applied Math.  
Austin J. McGeary ..... Accelerator  
Melvin Month ..... Accelerator  
John J. Sterbenbach, Jr. .... Plant Engr.  
Frank R. Winter ..... Central Shops

## October

### Twenty-Five Years

Peter Colombo ..... Applied Science  
George J. Dienes ..... Physics  
Joseph T. Meyer ..... Safety & Envir. Pro.  
Dorothy G. Schroeder ..... Director's Office  
Joseph Weneser ..... Physics  
Edward Wirsing ..... Applied Science

### Twenty Years

George Adler ..... Applied Science  
Kenneth E. Boehm ..... Photog. & Graphic Arts  
John Donnelly ..... Accelerator  
Margaret W. Greene ..... Applied Science  
Martha A. Heine ..... Medical  
James R. Powell, Jr. .... Applied Science  
Lee C. Rogers ..... Instrumentation  
Helen B. Streeter ..... Physics

### Ten Years

Roland J. Baillargeon, Jr. .... Staff Services  
Braulio Bottari ..... Central Shops  
Isadore W. Danowski ..... Medical  
Santoria Fountaine ..... Plant Engr.  
Thomas P. Harrigan ..... Applied Math.  
Thomas P. Lanigan ..... Plant Engr.  
Lawrence Musso ..... Purchasing  
Katherine A. VanTassel ..... Staff Services  
James G. Walseman ..... Plant Engr.

## November

### Thirty Years

Anna Kissel ..... Physics  
Charles L. Osborne ..... Reactor  
Martin Plotkin ..... Accelerator

### Twenty-Five Years

Robert H. Jones ..... Applied Science  
Thomas B. Scheuerer ..... Accelerator  
Harold A. Schwarz ..... Chemistry

### Twenty Years

Orazio Barone ..... Plant Engr.  
Edward W. Heins ..... Physics  
Kenneth C. Hoffman ..... Applied Science  
Edward F. Meier ..... Accelerator  
Donald F. Sacker ..... Medical

### Ten Years

Siegfried Naase ..... Accelerator  
Don Perdikoilis ..... Plant Engr.  
Milton Steinberg ..... Central Shops  
Edward J. Sujeski, Jr. .... Plant Engr.

## Safety Shoes & Glasses

Responsibility for the control and administration of safety shoes and safety glasses is again a function of the S&M Division. The Safety Division will not be involved in this program except for the designation of tints for safety glasses to be used where job hazards effecting vision require the selection of specially tinted lenses.

Questions regarding footwear and spectacles may be directed to John P. Schneider, Ext. 2979. The new location for the issue of these items will be located in Bldg. 88 which is being readied for this purpose.

For the protection of the staff, any prescription three years old will not be accepted, or reproduction of present glasses made unless an eye test is taken at Medical and a certification is received by the optician that the wearer's present glasses meet his or her vision requirements.

It is necessary that all prescriptions for safety glasses plainly state whether the lenses are single vision, bifocal, trifocal, tinted, as well as indicating whether glass or plastic is being specified.

Glasses will be issued on Tuesdays,  
9 a.m. - 12 noon, 1 p.m. - 5 p.m.

Shoes will be issued on Mondays,  
1:30 p.m. - 4:30 p.m.; and  
Thursdays, 9 a.m. - 12 noon.

## It's A Small World

Bill Marin's prize winning photomicrograph is just one of many similar pictures he turns out for scientists at the Laboratory. He photomicrographs not only plant and animal specimens, but specimens of anything connected with Brookhaven's multifaceted research. His work is a specialized branch of photography and his instrument is the photomicroscope - a microscope with a built-in camera.

Marin works in solitary splendor in a very well equipped light microscopy laboratory, a part of the Photography and Graphic Arts Division. At his disposal are three different photomicroscopes - 35 millimeter, 4" x 5" and a movie photomicroscope - and drawersful of other optical equipment. The magnification range possible with this facility is from 0.5 to 2000x.

His services are available to anyone in the Laboratory who needs them for research purposes, and he is currently doing a land office business. Marin works primarily from microslides supplied by the scientist who has made the request. The scientist tells him what he wants to find out and then, Marin says, "it's up to me to decide how to go about finding out."

The time is takes to produce a photomicrograph varies. Depending on the complexity of the assignment, a single photomicrograph might take hours to complete. Marin finds that dust and vibrations are his greatest enemies and he must constantly adjust for them.

According to Bob Walton, Supervisor of Technical Photography, good photomicrographers are hard to find. On the departure of Robert F. Smith, who had been Brookhaven's photomicrographer for 25 years, Walton spent months looking for a replacement. After a long search, he selected Marin who is a graduate in photo technol-



Bill Marin in his laboratory and one of his instruments, the 35mm photomicroscope.

ogy from the Rochester Institute of Technology. Although Marin's experience was not in photomicrography, he was an excellent photographer and had some training in biology. During his two-and-a-half years at Brookhaven, he has studied intensively the techniques and equipment used in this field and is rapidly acquiring a reputation for excellence.

Looking constantly at a world that is magnified many times over, Marin is intrigued by his job. "It gives you an appreciation of just how complex everything is," he says.

# BROOKHAVEN BULLETIN

Published weekly for the employees of  
BROOKHAVEN NATIONAL LABORATORY

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## Hospitality News

A morning coffee will be held Thursday, December 16, from 9:30 to 11:30 a.m., at the Brookhaven Center. The theme of this get together will be "Christmas in Other Countries."

Please come and bring the children. Babysitting will be provided at no charge. It is suggested that you bring along one or two toys for your children to play with.

## Cafeteria Menu

Week Ending Dec. 17, 1976

<b>Monday, December 13</b>	
Corn Chowder	
Beef Liver & 1 veg.	1.10
Scrambled Eggs, Sausages & fr. fr.	1.05
<b>Tuesday, December 14</b>	
Beef Noodle Soup	
Knackwurst & Sauerkraut	1.05
Sauerbraten & Potato Pancake	1.30
<b>Wednesday, December 15</b>	
Cream of Potato Soup	
Beef Chop Suey on Rice	1.05
<b>Davy Jones Fish Fry Special</b>	
\$1.40 plus tax	
<b>Thursday, December 16</b>	
Chicken Vegetable Soup	
Cheese Ravioli & 1 veg.	1.00
Roast Chicken, Stuffing & 1 veg.	1.10
<b>Friday, December 17</b>	
Fish Chowder	
Spaghetti & Clam Sauce	1.00
Bread Pork Chop & 1 veg.	1.30

## Fire, Fire, Fire

Due to the overwhelming response to our offer of smoke detectors to our members, we find that the manufacturer is unable to supply us with the total quantity prior to Christmas. In fact, partly due to recent increased publicity and to the Consumer's Report article which selected Guardian as the best buy, the company has back orders on this item and we cannot expect delivery of the bulk of the order for about three months.

If this delivery date will inconvenience you in any way please contact one of the BERA Board members listed below.

The total order of fire extinguishers will be delivered this week and will be available at the camera store in the Cafeteria starting Monday, December 13.

The Board is sorry for this delay but our purchasing agent has been unable to locate any of these units at any of the many distributors he has contacted.

### BERA Board Members

Ken Batchelor	Ext. 4674
Audrey Blake	3489
Bob Brown	3644
Charlie Flood	4246
Jo Gazzola	2456
Helen Keeley	4649

## Arrivals & Departures

### Arrivals

Jerry J. Cadwell	App. Science
Donald A. Gates	App. Math.
Randy A. Johnson	Physics
Arnold J. Losi	Applied Science
Bernard Rifkin	Plant Engrg.
Robert E. Shroy	Physics

### Departures

NONE

## No Necks Were Broken



Thirteen members of the BNL Mountain Club climbed Breakneck Ridge last month. Breakneck Ridge is in the Hudson Highlands - just north of Cold Spring, New York, on the east side of the Hudson River. Those who participated in the 7.6 mile, day long hike were: Steve D'Ambrosio, Cleve Dodge, Doe Krupski, Barry Lovett, Anne Nauman, Chuck Nauman, Mary Pat O'Brien, Ed Popenoe, Pete Tuhy, Ron Weider, Dennis Weygand, Norman Yelin and Anita Swoboda.

— photo by Nauman

## They're Asking Us

On the job Smith Pearsall (S&EP) ensures our safety by making sure that all Lab employees comply with the Occupational Safety & Health Act. Off the job he volunteers his time to the Suffolk branch of the American Red Cross - a United Way agency - to ensure the larger safety of community members. In addition to CPR, Smith has three first aid instructor qualifications: standard, multimedia, and advanced, and is trying for another to train instructors.

Besides teaching first aid and thousands of Suffolk residents each year to swim, the Red Cross transports 100 elderly per day in Suffolk to nutrition centers in Coram and Hampton Bays for a hot meal. Its volunteers also drive the needy to doctors, clinics, and VA hospitals. Its local blood program collects about 50,000 pints of blood each year for emergency use. In a disaster the Red Cross is always there, helping in countries such as Turkey, and on Long Island during Hurricane Belle when emergency centers were set up in schools. During the latter, the Red Cross furnished new roofing materials to one family whose roof collapsed and money to replace flooded oil burners to two others.



Jim Gilmartin (S&EP) protects BNL personnel against radiation hazards. In his off-hours, as a board member and assistant treasurer of Skills Unlimited, he works to protect handicapped people against another hazard: unemployment. At present 250 clients who are mentally or physically handicapped (including the blind) receive services from this nonprofit vocational rehabilitation center.

The handicapped are tested for seven weeks for interest and potential in all vocational areas for which they are physically capable. In Oakdale, training workshops lasting 13 weeks or up to a year, are offered in clerical skills, electronics, automotive repair, and food service. Upon graduation, a placement counselor helps them find employment. If this proves unsuccessful, the handicapped person still has a place at Skills Unlimited. Two workshops in Bohemia handle electronics and assembling and packaging contract work for industry.

The needs of the handicapped are close to Jim: his father, an elected public official who encountered both job and architectural barriers, spent 20 years in a wheelchair.



## Sports News

### Basketball

The league is playing fast break all the way this year and the teams are well balanced and have an ample supply of talent.

The first games of the season were played on November 4 with the Persuaders holding on to win in overtime 87-82 over the Browns and the Spuds edging the Dribbles 83-82. High scorers were Donaldson with 23 points and Smith with 20 points for the Persuaders; Hopson 41 and Budowski 27 for the Browns; Doty and Gilbert with 26 apiece for the Spuds; Vaughn 24 and Gaffney 22 for the Dribbles.

Leroy James and Jim Garrison have retired from league play. Both were mainstays of the Persuaders for several years and will be missed.

Scores	
November 18	
Browns (98)	Dribbles (91)
Spuds (81)	Persuaders (76)
December 2	
Dribbles (96)	Persuaders (88)
Browns (107)	Spuds (96)

### Rifle & Pistol Club

At a recent meeting of the Rifle/Pistol Club, the members were privileged to hear a very informative talk regarding Federal and State Gun Laws. The guest speaker was Inspector Robert Algar, of the State Trooper Barracks in Hampton Bays.

Inspector Algar will again be invited to a special Club meeting in May to continue his talk and to give the members who were unable to attend the November meeting the opportunity to hear him.

### Ticket Prices Slashed

Effective immediately, tickets to the remaining Nets home games (with the exception of Nets/Knicks and Net/Philly) will be sold at a reduced price of \$4 each.

Stop at the BERA Sales Office in the Cafeteria, or call Ext. 3347, for information on tickets available.

Pete Montemurro (an engineer in the Accelerator Department), his wife Margery, and many other BNL volunteers are dedicated to fulfilling the mission of the Society of St. Vincent de Paul. No work of charity is foreign to this United Way agency. Although perhaps best known for its stores which give away or sell used furniture and clothing, at next-to-nothing prices the Society does not believe that material help is the only method of relieving human suffering. They also minister to the poverty of loneliness, of abandonment, of the feeling of being lost.

Using monies left after store operating expenses, Vincentians work, person to person, to help individuals and families overcome all sorts of crises: whether rendering financial assistance, working to enhance job opportunities of ex-prisoners, or giving a wheelchair to a boy crippled since birth. And like the Good Samaritan, they want no reward or recognition for their good works. The philosophy of the Society is that working for the poor, administering to their needs, and offering sympathy and understanding are acts of privilege.

*Why he supports United Way: "Emergencies can befall anyone, any place, any time. And United Way agencies are always there to help."*



## Classified Advertisements

### Placement Notices

Each week the Personnel Office lists personnel placement requisitions, currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves through the Personnel Office. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

269. BIOLOGY ASSOCIATE - Seeking BS or MS degree or equivalent in chemistry or biochemistry and familiarity with protein chemistry and general biochemical procedures. Biology Department.

270. OFFICE SERVICES ASSISTANT - Temporary position requiring 2-4 years' experience in clerical procedures and proficiency in the use of adding machines. Accounts Payable Group. Fiscal Division.

271. MESSENGER - Staff Services Division.

272. KEYPUNCH OPERATOR - Part-time position. Evening shift. Administrative Systems & Data Processing Division.

273. TECHNICIAN - AAS degree or equivalent in mechanical technology and broad experience in industrial-type preventative and breakdown mechanical maintenance. Must be proficient in such areas as test equipment use, data evaluation and the use of precision tools. Reactor Division.

274. TECHNICIAN - Document reproduction involving operation of a variety of duplicating equipment. Driver's license and willingness to work shifts. Photography & Graphic Arts Division.

275. RIGGER, GROUP LEADER - Plant Engineering Division.

276. MECHANICAL ENGINEER - Seeking BSME or equivalent with substantial background in program management in the area of energy conservation in buildings. Specific experience in program planning, preparation of contracting documents, evaluation of proposals, selection of subcontractors and the technical and administrative monitoring of contracts. Department of Applied Science.

277. TECHNICIAN - Part-time position. Tandem Van de Graaff operations. Physics Department.

### Autos & Auto Supplies

62 VALIANT - Not running, good for parts, tires. \$50. 473-2783.

65 CHEVY IMPALA - 2 dr, vinyl roof, ac, almost new tires, new battery, new exhaust. 924-3522 after 5.

73 VEGA GT - 4 spd, w/w radial tires, custom interior, excel cond. Asking \$1400. Steve, 3822, 929-6527.

67 TRUCK - Chevy suburban, 6 cyl auto, 71 eng, new radiator, head, carburetor, water pump, fm, cabinets, carpet. \$225. Pete, 744-3807.

76 FORD TORINO WAGON - 13,000 mi, ps/pdb, automatic, trailer tow pkg, hitch, CB radio, tinted glass, w/w, excel cond. \$4875. 698-4808.

72 AMC HORNET DL - Ps/pb, orig 36,500 mi. \$1800 firm. 286-3377 after 6.

73 CHEVROLET - ¾ ton truck w/Amerigo camper, 8200 GVW heavy duty camper package, 11' camper, sleeps 6, excel cond. \$8500 firm. 286-8908.

69 CADILLAC - Sedan deVil. \$940. Ext. 3267, 473-2594.

2 SNOW TIRES - Goodyear belted polyglass, practically new, 678-15; 2 Goodyear all-weather tires, 8:25-15, very little use. L. Yuan, Ext. 4786.

RIMS - 2 Chevy rims, 14", \$7 for both or \$4 each; 1 snow tire, like new, 7:75-14 on rim, \$10. Ed, Ext. 4636.

SNOW TIRES - All radials, 1 set Pirelli, 13", low mi, \$20/pr; set Semperit, 14", never used, \$65/pr. Ext. 4397.

SUZUKI TS-185 - Enduro, knobbies, very good cond. \$425. 473-2608.

72 FIAT - 850 Spyder, Michelin radials, very good inside and out, 35,000 mi. \$1350. 928-0043.

2 TIRES - H78-15 Goodyear polyglass custom, only 80 mi use, excel. \$30 each. Ext. 2492, 475-8658 after 6.

14" RIM - 5-hole. \$5. Tony, Ext. 3658.

71 VW BEETLE - Good cond. \$900. 744-6668.

CB RADIO - Brand new Midland 13-888, \$100; Vega 13" chrome slots, \$20; white front seats, VW square-back, \$10. 924-3556.

67 VW SQUAREBACK - Reblt eng, sunroof, needs minor body work. \$300. 924-3556.

67 PLYMOUTH - Slant 6, good running cond. \$125. Frank, Ext. 2333, 475-5395 after 6.

68 DODGE CORONET WAGON - Good cond in & out. Asking \$700. 289-9413.

73 MGB - Maroon, clean, new radials, brakes & exhaust. \$2750. 289-6530 after 9.

66 MERC MONTCLAIR - Ps/pb, recent brake, starter, water pump, good running cond. \$99. Wan, Ext. 4393.

1 TIRE - W/w Firestone super belt E78-14, fiberglass, very good cond. \$15. Ext. 2492, 475-8658 after 6.

66 CHEVY BELAIR WAGON - Runs well, new tires. \$200 firm. Frank, 281-4179.

VW TUNE UP KIT - 64-67, \$2; fuse kit for VW, Opel, MG, Austin & Volvo, 60¢/kit. Ext. 3609.

(2) 15" RIMS - Buick, \$5; 8-hole 16 1/2 rim & tire. \$8. Hank, Ext. 3848, 472-0553.

2 SNOW TIRES - 7.35x15, Firestone w/w, used one winter. \$35/pr. Ext. 3818, 475-0154 after 7.

71 AUDI 100 LS - Orig owner, moving, low mi. Asking \$1350. Ext. 3835.

2 TIRES - Belt&d w/w, G78-15, mounted on Ford truck wheels, '68 & up. \$65 firm. Tony, 732-3338.

14" RALLY WHEELS - 5-hole GM. \$75. Ext. 4003, 924-4373.

14" RIMS - Ford, 1 pr/\$8. Ext. 4846, 363-6940.

73 PLYMOUTH SCAMP - 6 cyl, auto, ac/ps, vinyl roof, snow tires, low mi, excel cond. \$2100. 281-4405 evs.

71 GREMLIN - 17,500 mi, auto, 21 mpg, one seat, snow & reg tires, inspected 9/76. \$1000. 286-8309.

69 DODGE VAN - Sportsman, automatic, minor rust, good running. Asking \$800. Ext. 4058, 286-0436.

71 TOYOTA COROLLA 1200 - Manual, 35 mpg, mech perfect, 10,000 mi since eng reblt, clutch, universal, car looks good, has had much TLC, orig owner asking \$800. 878-4878.

TRIPOD BUMPER JACK - Screw type. \$5. Ext. 4247.

73 CADILLAC - Sedan deVil, leather interior, vinyl top, power plus. \$3850. D. Lane, Ext. 4851, 653-5555.

WHEELS & HUB CAPS - 4 ea for 76 Dodge van, near new. \$5/set. Ext. 2492, 475-8658 after 6.

TIRE - W/w Firestone super belt, E78-14, fiberglass, very good cond. \$15. Ext. 2492, 475-8658 after 6.

VAN SEATS - For a Dodge maxi. 75i-8918 after 5.

72 PLYMOUTH DUSTER - 6 cyl, ps, auto, vinyl top, snows, 51,000 mi. \$1350. Peter, Ext. 4518, 736-0347 after 6.

68 PLYMOUTH - Road runner, 383 V8, 4 spd, air shocks, am/fm radio & tape deck, new seats, new paint, new tires, mag wheels, many extras. Steve, Ext. 4308.

74 KAWASAKI - 750 cc, clean, excel cond, 3000 mi. \$1500. Edwards, Ext. 4027.

72 FIAT - 128, sport coupe, 45,000 mi, 4 spd, new clutch & muffler, extra snow tires. Asking \$950. Ext. 2284/3201.

65 IH SCOUT - 4 wheel drive, r&h. \$600. 924-6610.

HONDA - S1-70, just right for Christmas, like new w/ helmet. \$165. 475-3792 after 5.

76 FORD TORINO - Wagon, 13,000 mi, ps/pdb, auto, trailer tow, hitch, CB radio, tinted glass, w/w, excel cond. \$4875, 698-4808.

67 DODGE DART - 6 cyl, auto, ps/pb, 78,000 mi, good cond. Ext. 2372.

69 MERC MONTEGO - Green, black int, 302 V8, good running cond. \$400. Maryanne, 363-7620.

2 SNOW TIRES - 8:45-15, mounted on GM rims. \$50, used one season, Goodyear Suburbanite. 732-3275 after 5.

### Boats & Marine Supplies

16' MFG - Outboard w/60 hp Johnson motor, 65 on new galvanized trailer. \$1000. R.L. Chase, Ext. 4232.

17' THOMPSON - W/73 65 hp Merc & tilt trailer, all in beautiful cond, new canvas tops & many extras. Asking \$1500. 728-0338.

15' SHARPIE - Excel cond. \$1750. 286-0761.

15' ANCHOR BOAT - W/40 hp Evinrude, canvas cover, trailer, excel cond, best offer. Mike, 281-3124.

16' SAILBOAT - Great Pelican, heavy wood construction, all necessary gear, new sails, trailer, great stable family boat, 2 yrs old. \$450. Bill, 473-7534.

16' ELECTRO - W/35 hp elec start Evinrude, tilt bed trailer. \$325. Walt K. Ext. 4514.

OPTIMIST PRAM - 8' plywood dinghy with dacron sail and oars. Excellent cond. \$125. G. Price, Ext. 3336, 472-1419.

### Miscellaneous

MACRAME HANGERS - For sale, will also take orders, if ordering call & specify how long & what colors, good Christmas gifts. Noreen, 281-7873.

SKIS - 5'9" Zenith w/bindings, like new, \$20; ski boots, 7N, Dolomite, hand made in Italy, in good shape, \$20. Stehn, Ext. 2901, 473-1168.

TAPE RECORDER - Panasonic & Candle, reel to reel, \$15 each. Joan, Ext. 4393, 399-2084.

OFFICE DESK - Modern wood, 4 drawers & book shelves, built in. \$25. Joan, Ext. 4393, 399-2084.

MICROSCOPE - Student's, excel cond. Asking \$15. Joan, Ext. 4393, 399-2084.

SOFA - Antique satin, rose beige, excel cond, \$100; arm chair, needs recovering, \$25. Walter W., Ext. 2627, 744-3443 after 5.

SEWING MACHINE - Antique, orig cond, \$75; ceramic mauve tile, pink. 265-1072.

TANDEM STROLLER - Beautiful black twin stroller, excel cond. \$35. Mack Thomas, Ext. 2959, 744-5977.

DESK/BOOK CASE COMBO - Wall hung, \$25. Ext. 2041.

POLAROID SUPER SHOOTER - Like new, complete; brand new 29-gallon fish tank, stand & accessories; steamer trunk. Irene Merritt, 589-5126.

SEWING MACHINE - New Home, treadle w/cabinet, working cond; 26x28 woodland scene picture. Irene Merritt, 589-5126.

BEDSPREAD & DRAPES - Gold w/black design, bed-spread quilted top w/skirt, 2 pr matching drapes, 63" length. \$10. Ext. 2497.

LIGHT FIXTURES - Wood kitchen, \$7; wood trimmed dining rm pull down, \$12; elec waffle maker & griddle, \$10. Steve, Ext. 3469, 281-4371.

BICYCLE - Motobecane, 10 spd, hardly used. \$180. H. Atkins, Ext. 3590.

20" BICYCLE - Boy/girl, incl training wheels. \$15. Walt, Ext. 2907, 698-0576.

PINE CONE WREATHS - Various sizes. \$8-\$25. 751-8257.

GARAGE SALE - Fri, Sat, Dec 10-11, household items, antiques, Haskell office chairs, GE stereo amp, speakers, Garrard turntable, wrought iron furn, 23 McConnell Ave, Bayport, 10 am - 4:30.

CHRISTMAS GIFTS - Cartoon drawings, etc. 744-5871.

CHRISTMAS TREES - Pick now, will cut fresh when you are ready, 7-8', Colorado spruce, \$15 each. Walt K. Ext. 4514.

OLD CHINA CLOSET - 64H, 33W on 16" legs, glass in door only. \$45. 727-1617.

OLD BUREAU - Chest of drawers; double box spring & mattress on frame, \$45 all; bottle capper & box of caps, \$5. 727-1617.

TELESCOPE - Tasco 180 power refractor; floor tripod; 3 eye pieces, all instructions & orig box; like new, sell new for \$80, sell \$35. 289-1883.

ARCHERY SET - Collegiate, 22 lb bow & arrows & misc, reasonable. Hirzel, Ext. 4278.

SKIS - Wood, 4'6", long w/step-in bindings; poles; for learning youngster, good cond. \$6. 289-1883.

SKIS - Fury 550 fiberglass, 5' long, steel edge, red/white/blue, no bindings, good cond. \$15. 289-1883.

ICE SKATES - Men's ice hockey skates, size 7, excel cond, \$30; boy's figure ice skates, size 3, excel cond. \$5. 928-1942.

ICE SKATES - Boy's size 3, \$5; girl's size 5, \$4. Bill, Ext. 4662, 298-4089.

STENOTYPE MACHINE - & tripod + extras, mint cond. \$175. M. Daros, 585-7951.

STEREO SYSTEM - Lafayette turntable & speakers, balance, treble, bass control, jack for eaphones, am/fm tuner jack. \$60. Maryanne, 363-7620.

WOOD DOOR - 28"x80", \$15. 289-1754.

DOOR - Ext glass w/frame & screen, 2 Anderson windows, 32x19, 44x27, \$25; Marchant desk calculator, \$25. Ext. 4082, 289-1003.

BICYCLE - Gitane, totally recond, strong light alloy, cotterless crank, shimano derailleurs, new alloy wheels, IRC tires & tubes. \$225. David, Ext. 4392.

CHAIN SAW SHARPENER - Nielson, chain vice, chain breaker, chain riveter, perfect. \$135. 744-2725.

SLIDE PROJECTOR - Airquipt Adventura, 20 slide cartridges, 36 slides each, \$70; 35 mm camera, 3 lenses, sunshades, filters, fitted case. \$60. 744-2725.

20" BICYCLE - Boy's/girl's, \$15. Walt, Ext. 2907, 698-0576 after 6.

ICE SKATES - Black figure skates, men's size 3, excel cond, \$8. Georgia Irving, Ext. 2318.

TEAK BUFFET - Tambour sliding doors, 59"x18"x30", made in Denmark by Selig, like new, \$125. Carolyn, 567-1272.

BIKE - 20" Huffy sting ray, 5 ray, blue. \$35. 289-1754.

STORM WINDOWS & SCREENS - Wooden, (8) 28"x47", (3) 31"x55", best offer. Andy, Ext. 2424.

ICE SKATES - Girl's size 3½, white, top quality Riedell w/guard. \$8. Andy, Ext. 2424.

SHOT GUN - 10 ga mag double barrel + 18 boxes of shells. \$225 takes all. C. Nielson, Ext. 3954, 325-0968.

73 CHATEAU TRAILER - 18' fully self-contained, sleeps 6, screened-in room 10x12, excel cond. \$2500 firm. 698-4808.

STEREO AMP - 40 watt, tube type w/extra tubes. \$35. Ext. 3593.

UTILITY TRAILER - 4x6' bed, new tongue & hitch. \$30. Walt, Ext. 4514.

SOFA - Early American pine trim, \$20; floor lamp, 3-bulb, \$15; carpet, 12'x15', \$50; music center, \$10. Steve, Ext. 4507.

CLOCK - Antique black slate, \$30; television, antenna & mast, \$10; asst Punch mags, free. Steve, Ext. 4507.

HOUSE SALE - Deep freezer, console stereo & 8 track player, antique secretary, bedrm set, dining rm set. Edwards, 286-9180.

DOLL HOUSE - Completely furn, 4 rooms. \$25. Edwards, 286-9180.

ANTIQUE PIANO - Hand carved. Edwards, 286-9180.

UNIVOX AMP - For bass or guitar, 200 watts, 4-12" speakers, 2 columns, mint cond. \$250. 289-0886.

HOT WATER HEATER - 30 gal oil, brand new, complete, top brand. \$300. Rick, 727-7304.

MEN'S SHIRT - Levi's size S, plaid, like new, \$5; asst boy's clothing sizes 14-16, all in good cond, cheap. Rowley, 286-0975.

AIR HOCKEY - Like new, 3'x5', formica top, cost \$125, sell \$50. 929-4318.

REMYINGTON - Typewriter, manual, office model. \$25. Ext. 4058, 286-0436.

LESLIE SPEAKER CABINET - Model 347, 500 watt w/ Fisher reverb. Asking \$300. Ext. 4058, 286-0436.

### Real Estate

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

### For Sale

MIDDLE ISLAND - 3 bedrm, fp, oversized insulated garage, 10 min from Lab. P. Fallon, 878-2266, Ext. 3043, 924-6485.

HOLBROOK - Condominium, 2 level, w/w carpet, all appl. \$30,500. Ext. 3254.

S BLUE POINT - 4 bedrm ranch, living rm, lg family rm, garage, tool shed, corner lot. Asking \$48,000. Ext. 4232, 363-6366.

PATCHOGUE VILLAGE - 7 rms, 16x32 in-ground pool, 2½ car garage, new kitchen, new shingles, new roof, many extras, \$49,000. 475-3335.

PATCHOGUE - Roe Blvd area, 3 bedrm ranch on deep plot, wood shingles, bay window, full basement, garage, deck. \$43,000. 331-1718.

SELDEN - Bargain priced 4 bedrm, formal dining rm, family rm, patio, fenced, beautifully landscaped, splanch, reduced from \$42,000 to \$37,500. 732-2720.

N SHIRLEY - 4 yr old high ranch, 4 bedrm, 2 baths, ½ acre, 2 sheds, rented w/excel tenant & pays \$300/mo. Asking \$38,500 or \$17,500 over mortgage. 878-9022 after 5.

ROCKY POINT - The Tides, 3 bedrm ranch, 2 baths, den, fp, eat-in-kitchen, w/w carpet, priv beach, ½ acre, \$42,990. Ext. 4784/3566, 744-6767.

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### For Rent

RENT OR SALE - 3 bedrm, fp, garage, basement, lovely ½ wooded acre, priv beach, Wading River. \$330/mo, \$38,000. Ext. 3535, 929-6940.

E PATCHOGUE - 4 lg bedrm, living rm, fp, formal dining rm, lg kitchen, 2 baths, 2-car garage, closed porch, s&s, ac, 160x237 partially wooded lot. 475-6916.

CHALET - In northeast Pocono mts, near Tanglewood, Elk Mt ski areas, rent week, seasonal. 289-2159.

BROOKHAVEN HAMLET - Cottage, 2 bedrm, living, lg kitchen, bath, garage, workshop, fenced garden area, very desirable location, near village, boat marina, security & restrictions. 286-0246 after 5:30.

E PATCHOGUE - 2 bedrms, kitchen, living rm, bath, couple or couple w/1 child preferred, no pets, near Great South Bay. Walt, Ext. 2907, 698-0576.

BROOKHAVEN HAMLET - Apt in older country home, lg living rm, kitchenette, bedrm, bath, furn, util incl, mature adults pref. 286-0129.

MASTIC - 2 bedrm, 1 bath, lg living rm, lg kitchen, util rm, ½ acre, fenced in. \$280 + util. Ext. 2204.

VERMONT CAPE - 3 bdrm, 2 bath, fp, fully equipped, ski Bromley, Stratton, Magic, x-country, weeks, week-ends. 732-6499 after 6.

WADING RIVER - 2½ rm furn apt, beautifully decorated, all new w/w carpeting, priv entrance, util incl, 929-4885 after 8.

VERMONT - Ski Bromley, Magic, Stratton, x-country, furn chalet, stone fp, weekend, weekly, share season rates. 757-5599.

RIDGE - 3 bedrm apt, sublet, ready Jan '77, modern kitchen, nice location. 924-4837.

2 RM APT - Efficiency, all util. \$190/mo. 475-1485.

PATCHOGUE - 2 bedrm, kitchen, living rm, dining rm, partially finished basement, appl incl wash machine, quiet, dead end street, fenced yard, avail immed. \$300/mo. 475-1964.

CORAM - 3 yr old furn house, all appl, 4 bedrms, avail Jan 15 - Sept 1977. 928-5585, Ext. 3792.

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