

Labor Talks Continue

To allow further negotiations to be pursued, the Contract between AUI and Local 2230 of the International Brotherhood of Electrical Workers which expired at midnight on July 31, has been extended by mutual agreement to midnight August 6.

Intensive discussions were held earlier this week and were temporarily adjourned about 6 p.m. on Tuesday with the decision to extend the current contract for one week. Negotiations were scheduled to resume yesterday at 1 p.m. and, at press time, talks were still under way. Recent meetings have been held under the auspices of Commissioner Matthew Miller of the Federal Mediation and Conciliation Service, in efforts to reach a fair settlement on a new labor contract for the 657 IBEW employees of the Laboratory.

Carpooling Saves \$\$\$

About four months ago, Fred Zito of the DOE ISABELLE office got fed up with the amount of money he was spending on gas driving his car back and forth to work from Babylon. So he placed a small ad in the Bulletin asking if anyone was interested in forming a carpool from that area. Within three days, a four-man carpool was formed and on the road. Zito estimates that for the 70-mile daily round trip, he saves about 60 gallons a month, or, at today's prices, more than \$60. This one carpool is conserving 240 gallons of gasoline a month, and is saving its members a considerable amount of money.

If you are driving alone, you should start thinking seriously about adding some passengers. You will not only be saving gasoline, which is a **must**, but will be adding some money to your rapidly dwindling bank account.



In one of the drafting rooms of the ISABELLE Design Group, Charlie Briening points out a detail to Sue Norton. Discussing a layout in the background are (from left) John Agostine, Don Gilzinger and Ken Morton.
—photo by Reben

Robot Guides At Exhibit Center

R2D2, a duplicate of the robot of "Star Wars" fame, and Darth Vader, an evil being from the same movie, will be on hand at BNL's Exhibit Center this weekend to assist tour guides with the Lab's free tours.

The robot was built over a four-month period by two physics teachers from Clinton Corners, N.Y., one of whom plays Darth Vader. They have been busy ever since delighting children and adults at schools, fairs and shopping malls.

Cleverly built from an assortment of spare auto parts (a power window motor provides mobility), R2D2 will not only entertain children with its well-known vocabulary of beeps and whirs, but will also interest adults, as it spews forth energy saving tips "taught" to it by the Exhibit Center staff.

Mini Tour Features Nuclear Waste Research

In addition, this weekend's mini tour will feature Brookhaven's Nuclear Waste Management Research Group. The group's experimental programs include studies of the properties of solidified radioactive waste forms, and of the behavior of buried radioactive wastes at commercial disposal sites. Brookhaven has also helped retrieve drums of concrete containing low-level radioactive wastes from the depths of the Atlantic and Pacific oceans. Because of recent interest in ocean disposal as an alternative to land burial, Brookhaven scientists are studying effects such as underwater pressure, temperature, and salinity on these drums. Looking through special viewing windows, visitors will see the drums at different stages in the testing procedure. In another laboratory, sophisticated electronic counting equipment for measuring low levels of radioactivity will be shown.

Besides the mini tour and the Exhibit Center, visitors will also view the 15-minute slide show entitled "Brookhaven's Quest" and take a guided bus tour of the Lab.



They've Got Designs On ISABELLE

Before any project become a reality, every last detail of it must be executed on the drawing board. And ISABELLE is no exception. Before the giant accelerator goes into operation, thousands and thousands of drawings will have been made, and many people will have spent countless hours working from various sources of information on the design and layout of its many parts.

In cooperation with scientists and engineers, 32 people are responsible for the design and drafting of the main ring and all its components. This is the largest ISABELLE design group, although there are other smaller units responsible for architectural design, the experimental halls and the beam line from the AGS.

The section is under the supervision of Don Gilzinger, a design engineer who has been with the Accelerator Department since 1958. He is thoroughly familiar with the project, as most of his career has been in the Particle Detector Division. Some time ago, this division started working on the early prototypes of ISABELLE and, as he says, "over the years we became more and more ISABELLE."

When an engineer is given responsibility for building a particular part, he requests drafting time. Scheduling is necessary, says Gilzinger, because they have more work than they can handle on a day-to-day basis. Depending on the degree of difficulty - it may be just to put the finishing touches to a layout, or it may be a job that will take months of cooperative development between a skilled designer and an engineer - the assignment is given to a member of the group. When the layout and drafting is complete (some items take many month's work), the drawings are approved by the engineer. Copies are distributed either to our own shops, or to vendors for fabrication of the part.

Gilzinger is happy with the diversity and enthusiasm of the crew that has been assembled. All have been recruited from the Long Island area and they include design engineers, senior designers, drafting specialists and drafters. About one-third has been drawn from the Accelerator and Physics Department and the rest are new employees. Currently, 15 are working in the east wing of building 902 and 17 are at their drawing boards in three trailers at the rear of the building.

Charlie Briening is a design engineer who oversees the "trailer group." He started out as a draftsman with the Bubble Chamber in 1962, then joined the Particle Detector Division and has been working with Gilzinger ever since. He assigns the work and takes care of administrative details in the trailer section.

With project engineers, he develops conceptual designs for various assemblies, and also selects sources for the procurement of motors, ball bearings and other items that

are needed for a project. For instance, for the transporter, which is a device used to bring a magnet into the tunnel and position it on the magnet stands, he also had to make sure that the items selected came in on time. "In some cases," he said, "I picked up the parts on my way to work." Briening rides herd on the drawings as they go through the shops for fabrication and, when the pieces are made, he works with the technicians and engineers in the assembly area. Although many people are involved in these various operations, Briening says "I have to be in a position to see it all happening."

In a field that is generally considered a male province, Gilzinger points out that his group includes five women: a senior designer, a drafting specialist, a drafter, a young handicapped woman who functions as Gilzinger's aide, and an employee who was selected for the Lab's Technician Training Program. Of them, Gilzinger says, "they can match the men anytime."

Susan Norton is a drafter who last December transferred to the ISABELLE project from Graphic Arts where she had worked in Illustration since 1976. Currently, she is assigned to designer Hugh McNeil, group leader of the magnet-iron group, and works generally from his layouts. She finds the work "absolutely fascinating" and the atmosphere, "hectic, but at the same time relaxed."

How thinking has changed in regard to women's role in this field is reflected in her experience. During high school, she took three years of mechanical drawing and then enlisted in the Navy. Specific training was not open to women as it is now, she says, and so she had to take home study courses. Half way through her three-year stint in the Navy, she passed the 3rd class exam for draftsman, but because of policy was not allowed to work in this field. But those days are all behind her and she is well on her way to a career. Her goal is to be a designer, so she is taking more courses and has "already started on a little design" in her present job.

Ken Morton is one of the "new" people. He joined the design group last January 23 as a drafting specialist. He is new to the Laboratory, but not to the design and drafting field. Morton studied engineering for two years and has worked with various companies on Long Island since 1949, interrupted by two years' service in the Korean War.

He is with the Testing/Fixtures group and is assigned to an ISABELLE engineer with whom he works directly. The fixtures being fashioned will be used to test the magnets before they go into the ring to ensure that the magnets perform as they were designed to do. Morton finds ISABELLE "very challenging." He says that he is working in areas in which he has never worked

(Continued on page 2)



Alburger displays the heat converter removed from the fireplace.

Points EEST:

("Points EEST," - Employees' Energy Saving Tips - contains employee-suggested conservation ideas, and will be printed periodically in the Bulletin. Contact Lew Jacobson, Ext. 2462 or Sherry Ince, Ext. 7992 to share your idea.)

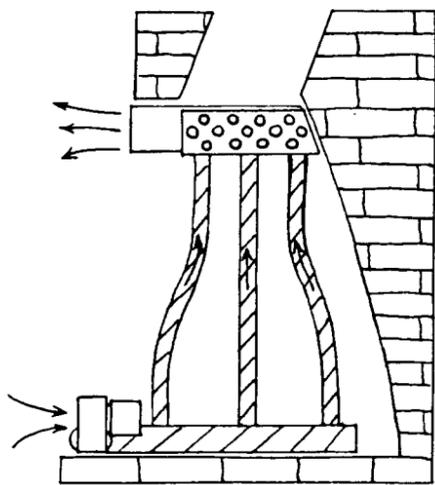
Fireplace Heat Converter

An ordinary fireplace is less than 10% efficient in the amount of heat given off to a room. When the outside temperature is very low there may even be a net loss of heat because of the consumption of pre-heated room air. The problem of improving fireplace efficiency has been approached with the belief that the most effective place to recover heat is near the narrow entrance to the chimney at the top of the fireplace.

In this design, shown in the sketch and photograph, there are 13 horizontal 1/2-inch i.d. (inside diameter) iron pipes arranged in a grid pattern of 3 rows. These pipes are connected at either end to box-shaped manifolds constructed of channel iron. Air from an electric blower passes into a floor-level manifold made from 1 1/2-inch i.d. pipe fittings and up to three 1-inch i.d. riser pipes to one of the manifolds at the top of the fireplace. After blowing through the horizontal pipes the heated air emerges into the room from the open end of a longer manifold at the other side of the fireplace. Since almost all of the heat rising from the fire must circulate through the grid of pipes one can expect good efficiency.

The grid is supported at one end by the three riser pipes and at the other end by a single length of pipe. There is no need to attach the device to the fireplace. The manifolds are actually not parallel to each other but flare outwards to conform to the side walls of the fireplace.

The blower, which has a good pumping capacity under load, is made by Fasco Industries (model 50748-D500) and has a rating of 75 cubic feet per minute with a power requirement of 90 watts (0.8 amp). The sound of the blower, when partially covered with a cardboard box, is noticeable



Sketch showing the location of the heat converter.

but not disturbing.

In tests with fires of various sizes the temperature of the emerging air ranged from 140° to 275° Fahrenheit. A good-size fire will hold the living-room, dining-room, kitchen area of 600 sq. ft. at 65-67°, with no assistance from the furnace, when the outside temperature is in the low 30's. The house is brick and has storm windows. There seemed to be no harm to the draft characteristics of the fireplace due to the presence of the converter.

The actual efficiency of the system has not been measured but is estimated at about 35%. If water were to be circulated through the pipes instead of air, the efficiency would probably be higher but the system would be more complex. Almost any fireplace could be fitted with such a converter. The total cost of parts was \$45 including the blower (\$21), pipe fittings (\$18), and second-hand pipe from a junk yard (\$6). One must have access to a drill press and some welding equipment plus the know-how to put a thing like this together.

Although this converter does not match a wood burning stove in efficiency, or in control of the burning rate, at least some useful heat can be extracted while retaining the enjoyment of an open fireplace.

Arrivals & Departures

Arrivals

Cyrus Biscardi.....Accelerator
Earle C. Fowler.....Accelerator
William J. Luckas, Jr.....Nuclear Energy
Edward T. Murphy.....Plant Engrg.
Carl A. Skrzec, Sr.....Accelerator

Departures

Richard T. Cederwall.....Energy & Env.
Kenneth C. Hoffman.....Energy & Env.
George R. Morris.....Physics
Martin Sautter.....Reactor

Got It?

If you've ever wondered what "infrastructure" means, you'll be glad to learn that members of the Food and Drug Administration have given the term some thought and have come up with these meanings: (a) the structure within an infra; (b) the structure outside an infra; (c) a building with built-in infras.

- from The Ragan Report.

In Memoriam

Ruth C. Neuss, an Administrative Secretary in the Brookhaven Area Office of the U.S. Department of Energy, died Saturday, July 28, after a short illness. Ruth had been at Brookhaven for 23 years, and was widely known throughout the Laboratory.

She was a member of Ladies Auxiliary Veterans of Foreign Wars, National Secretaries Association, Gold Star Mothers, and Ladies Auxiliary Yaphank Fire Department. She belonged to and was active in St. Joseph the Worker Church in East Patchogue.

Mrs. Neuss is survived by a son Jerry, a daughter Linda Kooser, and six grandchildren.

Reports Available

The following reports are now available to the Laboratory Staff and to Affiliates of the DOE, AUI, and NRC. Others may purchase the reports from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. Staff members should call Ext. 3484.

- BNL-50825 \$4.00
Preliminary Measurements Of Plasma Density. J.T. Keane
- BNL-50951 \$4.50
Fuel Cells: Applied Research Fuel Cell Materials And Electrocatalysis. Annual Report - January 1 - December 31, 1977. S. Srinivasan, et al
- BNL-50952 \$8.00
Acoustic Location Of Infiltration Openings In Buildings Final Report. D.N. Keast
- BNL-50955 \$4.50
Polyketones and Polysulfones For Conservation In The Ethylene Polymer Industry. Progress Report No. 2, April - September 1978. M. Steinberg, et al
- BNL-50959 \$5.25
Annual Highlights Of The Energy Technology Programs. Department of Energy and Environment.
- BNL-50960 \$4.00
A Low-Cost RF System For A 2-Megahertz Heavy Ion Linear Accelerator. R.T. Sanders.
- BNL-50962 \$6.50
Regional Reference Energy Systems: Electric Utility Applications. A.L. Hermelec
- NUREG/CR-0667, BNL-NUREG-50966
Properties Of Radioactive Wastes and Waste Containers. Progress Report No. 9, April - June 1978. P. Colombo, et al
- BNL-50976 \$9.25
The Fast-Mixed Spectrum Reactor Interim Report Initial Feasibility Study. G.J. Fischer, et al
- NUREG/CR-0688, BNL-NUREG-50978
Reactor Safety Research Programs. Quarterly Progress Report, October 1 - December 31, 1978. A.K. Agrawal, et al
- BNL-50979 \$4.50
Alternate Materials Of Construction For Geothermal Applications. Progress Report No. 17, October - December 1978. L.E. Kukacka, et al
- BNL-50980 \$4.00
Average Neutralization and Transverse Stability In ISABELLE. J. Herrera, et al
- BNL-50984 \$4.00
Polyketones and Polysulfones For Conservation In The Ethylene Polymer Industry. Progress Report No. 3, October - December 1978. M. Steinberg, et al
- BNL-50930 \$9.50
Semiannual Report for the Period April 1 to September 30, 1978 of Work On:
1) Superconducting Power Transmission System Development
2) Cable Insulation Development
Accelerator Department
- BNL-50939 \$4.00
Normal Incident Solar Radiation Measurements at Upton, New York. October 24, 1978. J.G. Cottingham
- BNL-50942 \$4.00
Correction of the Coupling Resonance in Intersecting Storage Accelerators. September 22, 1978. G. Parzen
- BNL-50945 \$4.50
L² Estimates and Variational Crimes in the Finite Element Method. November 1978. C.I. Goldstein
- BNL-50947 \$13.00
Workshop on the AGS Fixed-Target Research Program (Brookhaven National Laboratory, Upton, New York, November 8-9, 1978). L. Ahrens, et al
- BNL-50958 \$4.50
Brookhaven National Laboratory Computers User's Guide, Introduction to Graphics at the CSCF. T.S. Clifford

Design Group

(Cont'd)

before and "everything requires a lot of digging down and using the skills you have acquired over the years."

John Agostine, a senior designer, works with the Cryogenics group, and his specialty is piping. This is his second time around at Brookhaven. He was a designer working with the Nuclear Engineering/DAS Department from 1962-70, and then with the Accelerator Dept. until he left in 1971. He returned in 1977 as a senior designer with a company working on the ISABELLE project. In June 1978, he was offered a job in the ISABELLE design group and was happy to accept.

He works closely with the engineering staff and says "you try to lay out the piping as best you can, and make suggestions as to where changes might be made, or money saved." He gets particular satisfaction from working at Brookhaven. "You help create something," he says, "and then you are able to go into the shop and see the drawing take shape. This is an opportunity you don't get elsewhere. Ordinarily, you never get to see the finished product."

4th Institute For Gifted Students



Michael Smith (above) from Shoreham-Wading River High School is one of 12 students from seven Suffolk County high schools who have just completed a three-week internship at Brookhaven under the auspices of the BOCES II Institute for Gifted and Talented Youth. The purpose of the science internship is to place the student with a working scientist who is involved in a form of scientific inquiry that is of mutual interest. The students worked in various areas including ecological studies and storage systems for hydrogen and fossil fuel. Mike Smith was assigned to Dr. J. Iwai of the Medical Department and assisted in his program of examining the role of hypertension that is induced in rats through a behavioral conditioning process. —photo by Reben

Energy Saving Tips

Don't waste gasoline by ignoring a faulty automatic choke. If your car continues to idle "fast" after a reasonable warm-up period, have the choke adjusted.

The driving technique of the person behind the wheel is the most important single element in determining the fuel economy of any car. Drive at a steady pace. Avoid stop and go traffic. Adjust your driving to avoid unnecessary, wasteful accelerations and decelerations.

If you are planning to drive your car on your vacation you will want to make sure that it is properly tuned. A well-tuned car will give you an average of 6 percent more miles per gallon than an untuned one.

New Science magazine (March 8, 1979) prints the following "poetic injustices:"
There was a young lady named Bright
Who travelled much faster than light
She left home one day,
In a relative way,
And came home the previous night.

Lamarck
Was heard to remark
That he didn't agree that beans
Were affected by genes
Nor did he concur with Wallace's
Policies;
That the origin of species
Was, in origin, specious,
And would Darwin please not Mendel in his
affairs.

Hospitality News

A morning coffee will be held Monday, August 6, from 9:30 to 11:30 a.m., in the Brookhaven Center.

All wives of Laboratory employees are welcome. Please come and bring the children. Babysitting will be provided free of charge. It is suggested that you bring along a toy or two for your child to play with.

New York Train Trip

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, August 15. Departure will be at 7:55 a.m. from the Patchogue LIRR station. Round-trip fare for adults is \$2.45, children under six years ride free.

Reserve a ticket by sending your fare through the U.S. mail to P.O. Box 322, Upton, New York 11973, no later than Thursday, August 9. Make checks payable to "Brookhaven National Laboratory." Your tickets will be given to you on the train. Refunds will be made only if cancellations are received by the Friday preceding the scheduled trip.

BROOKHAVEN BULLETIN

Published weekly for the employees of
BROOKHAVEN NATIONAL LABORATORY

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Summer Rec Program

On-Site Program

Treasure Island was alive again last Friday morning when the children of the Apartment Area searched for hidden goodies with the help of maps and clues provided by the pirate counselors. As cryptic as the clues were, and undaunted by being buried alive, the searchers were clever enough to seek out every nook and cranny and come up with all the treasures that the ghost of Captain Kidd had hidden away.

Coming Events

This week - Olympics Day
Next week - Halloween Day

Pool Special

While the older children displayed their various talents by executing zany dives off the diving board, the younger ones had their share of fun reaching the finish line of the ever popular balloon race. Contest winners were:

Crazy Dive

1st Greg Holden
2nd George Kanton
3rd Tom Sanchez

Balloon Race

(4-6 year olds)
1st Galith Shahak
2nd Yuval Arbel
3rd Kenny O'Kula
(7-9 year olds)
1st Megan Holden
2nd Keith Holden
3rd Tina Murphy

Coming Events

This week - Relay Races
Next week - Ping Pong Ball/Spoon & Cup Races

Other Activities

Tennis instructor John Ingoglia would like to remind all boys and girls, ages 7-16, interested in joining the tournament to sign up today. Prizes will be awarded to the winners. The tournament will begin on August 6.

Calendar of Special Events

August 16 - 5:30 p.m.

The International Picnic for families of children enrolled in the morning and afternoon On-site Program.

Mothers (or fathers) are asked to bring one or two platters of food specialties of their native countries. A spectacular movie will be shown after dinner.

August 23 - 7:00 p.m.

Splash Party and races for children of all employees, ages 4-15, will take place at the pool. All contestants will be winners.

Tennis Tournament

The sign-up period for the annual BNL tournament has been extended to August 10. Players may sign up for the five events at the BERA Sales Office up until noon on Friday, August 10. The draw will be posted at courtside and at the BERA Sales Office on Monday, August 13. The tournament will commence the weekend of August 18.

Lost

The Medical Department is anxious to learn the whereabouts of its trained sheep dog, named Grif. A black and white Border Collie from Scotland, the 8-year old dog ran off last week during a thunder storm and has not been seen since. Anyone with information about Grif should call extension 3703, or return him to his home at building 494.

Golf Tournament

The BNL Golf Association's fourth tournament of this year will be held at Indian Island Golf Course (County course in Riverhead) on Monday, August 6.

Assigned tee-off times between 11:30 and 1:00 may be obtained from Pete Bond (bldg. 510A, ext. 4063). Send your \$1.00 entry fee to Pete by August 3. The tournament is open to all BNL employees, their spouses and retired employees.

Cafeteria Menu

Week Ending August 10, 1979

Monday, August 6	
Three bean soup	(cup) .40 (bowl) .50
Beef chop suey on rice	1.35
Scrambled eggs, sausage and fries	1.20
Hot Deli - Turkey	(on bread) 1.40 (on roll) 1.50

Tuesday, August 7	
Beef noodle soup	(cup) .30 (bowl) .40
Knockwurst and sauerkraut	1.25
Roast chicken w/stuffing and 1 veg.	1.35
Hot Deli - Veal pattie and peppers hero	1.30

Wednesday, August 8	
Cream of potato soup	(cup) .40 (bowl) .50
Fried meat cakes w/buttered noodles	1.35
Broiled filet and french fries	1.35
Hot Deli - Roast beef	(on bread) 1.40 (on roll) 1.50

Thursday, August 9	
Chicken vegetable soup	(cup) .30 (bowl) .40
Cheese ravioli and 1 veg.	1.15
Sauerbraten and potato pancake	1.45
Hot Deli - Grilled Reuben	1.35

Friday, August 10	
Fish chowder	(cup) .40 (bowl) .50
Spaghetti and clam sauce	1.20
Breaded pork chop and 1 veg.	1.50
Hot Deli - Smoked baked ham	(on bread) 1.30 (on roll) 1.40

Soccer

The New York Oldtimers will play BNL in their annual meeting this Saturday, August 4, at 2:00 p.m. on the BERA Field.

There are pickup games played every Monday starting at 5:00 p.m. All interested people are invited to participate. Call Ralph Fairchild, extension 3649.

Bowling

Recruiting continues for bowlers. The season will begin the week of September 10th. Anyone interested in joining a league, even as a substitute, should contact Dick Larsen. 3464, Betty Jellett Ext. 3639, or Helen Keeley Ext. 4649. Applications are also available at the Bera Sales Office located in the cafeteria.

More Than Just A Job



They call themselves "Camp Brookhaven." These students, from various colleges, are all temporary, summer employees for the National Center for the Analysis of Energy Systems. But they are more than just working colleagues. During the day, they are hard at work for different groups in building 475, but at five o'clock, they all go out and enjoy each other's company. It started with a weekly softball game, and gradually expanded; there is a weekly barbeque at Smith Point Beach, softball, swimming, basketball, bowling, and soccer. For the students of Camp Brookhaven, the Lab is more than just an important summer job, it's a place where many good friendships are made. (Front row, left to right) Laura Friend, Janice Korff, Loren Mernoff, Nancy Berlad, Robin Nash, Susan Rosenblatt, Dolores Goreczny, (second row) Elissa Udell, Larry Schwartz, Harry Stern, Ron Segall, Dorothy Hatten, (Rear) Farrokh Sutaria, Steve Johnson, Subashis Masumdar, Randy Davis, Rakesh Sood, Bruce Mason, Ron Steenblik.

Cashier Relocated

The Cashier's office has now been relocated in the rear of building 134. The most direct route to her office is via the side entrance on Center Street.

Aviation Club

The monthly meeting has been changed to Thursday, August 9, in Berkner Hall, Room C at noon. Two FAA films, "Flying Floats" and "Weather to Fly" will be shown. The meeting time and day were changed because of the Fly In to Martha's Vineyard scheduled for Wednesday, August 8, (rain date Wednesday, August 22). For information call Ron Dobert, Ext. 4082 or Ed Schwaner, Ext. 4846.

New York Marathon

The Roadrunners are planning to charter a bus on October 21 for transportation to and from the New York City Marathon. Over 12,000 runners are registered for the world's largest marathon, including Bill Rodgers and Frank Shorter as well as a number of other top national and international runners, tuning up for the 1980 Olympics.

The bus will leave Berkner at approximately 7:00 a.m. and return at about 7:00 p.m. Runners will be dropped off at the starting line and the bus will proceed to the finish area with spectators.

All seats will cost \$5.00 and can only be reserved by sending a check payable to BNL Roadrunners to Ted Landry, Building 318. Please include your address and telephone number on all checks. Official runners and their families or "seconds" have first priority and can register until August 17. BERA members, families and friends can reserve seats on a first-come, first-serve basis between August 17 and August 31. If extra seats are available after this time, they will be open to local running clubs. Come on out for a preview of the 1980 Olympic Race!

Softball

League I

Ravens 14 - Old Timers 1
Source I 8 - Strikers 4
Blue Jays 7 - Phoubars 4
Sweathogs 14 - Six Pax 7

League II

DEEgenerates 19 - Source II 0
Roga 12 - Dirty Sox 5
Titans 18 - AMD Bombers 6
Cardinals vs. Charlie Browns (postponed)

League III

Binary Bombers 18 - Medical 14
Ice Pops 13 - Nuke Powers 7
Moles vs. Big Sticks (postponed)

Mixed League

Oh Kays 8 - Diamonds 7

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

1055. STORES CLERK - Supply and Material Division.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1056. CHEMISTRY ASSOCIATE - Requires BS/MS in chemistry or equivalent experience in atmospheric chemistry research. Will develop and implement analytical chemical capabilities for studying chemical composition of airborne gaseous and particulate constituents. Department of Energy and Environment.

1057. ELECTRONIC TECHNICIAN - Requires AAS in electrical technology or equivalent. Should be experienced in the construction and testing of prototype analog circuits and systems. Background in pulse circuitry and high voltage power supplies desirable. Work involves injection/ejection systems. ISABELLE Project, Accelerator Department.

Autos & Auto Supplies

70 VW BUG - 132,000 orig mi, good tires & brakes. \$600. J. Olson, 289-8629 after 7.

75 CHEVY VEGA - very good cond, low mi, 23 mpg, orig owner. 286-9390.

DUNE BUGGY - 69 full size body, VW eng rebuilt 75 \$1000. Bob, Ext. 4434

71 PLYMOUTH SATELITE - 4 dr, ps/pb, a/c, good cond. \$750. 363-7620.

77 GRAN PRIX - sm 8, 22 mpg hwy, a/t, a/c, ps/pb, AM/FM tape, new radials, shocks. \$4550. Don, Ext. 7658.

NEW & USED TIRES - rims, repairs, mag wheel service, reg, radials, BF Goodrich-Gillette, free instal, balance avail. Fred Usask, Ext. 4798 lunchtime.

73 DUSTER - 6 cyl, a/t, p/s, a/c, elec ignition, hd susp, new exhaust & brakes, Sears Road Handlers. \$1600. Rich, Ext 3381, 924-5939.

75 TRANS-AM - midnight blue, 400-V8, a/t, ps/pb, stero AM/FM-8 trk, Craigers, low mi. \$4300. Ext. 7669 744-7679.

69 BMW 2500 - 4 dr sedan, 4 spd, radials, mounted snows, 70,000 mi. \$2000. 751-3062.

TIRES - 4 Uniroyal Land-Trac, size 10-15LT, good for beach. \$75. 734-7584 after 6.

76 PLYMOUTH FURY - 4 dr, ps/pb, new tires, 44,000 mi. \$1200. Bud, Ext. 7733, 751-2587.

69 BUICK ELECTRA - perf cond, all pwr, 4 dr, vinyl top, 1 owner, not abused. \$900. 281-5532 eves.

73 FORD TORINO - 6 cyl, 2 dr, a/t, p/s, good cond. \$750. Joe, Ext. 4069.

71 PLYMOUTH FURY III - 360-V8, Edelbrock head, 4 bbl Holley carb, had accident, good for parts. \$125. 981-1195.

70 DART - 6 cyl, a/t, a/c, p/s, good tires, new trans. Asking \$500. 588-0280.

72 FORD TORINO WGN - good running cond, 4 dr, p/s. \$600. Bob, Ext. 3497, 325-0609.

66 GTO - good running cond, many new parts. \$400. Frank, Ext. 4839, 732-4224.

70 AMC HORNET - 2 dr, 6 cyl, new a/t, posi, new batt & snows, radio, trailer hitch, good cond, reg/gas gold w/blk top. \$1000 or best offer. L. Green, 473-2764.

15" WHEELS - Toronado front w/d, good cond. \$10/pr. Bob, Ext. 2819, 289-0357.

76 FORD GRANADA - 4 dr, a/t, ps/pb, AM/FM, new tires. \$3000. Neal, Ext. 4019.

70 PLYMOUTH DUSTER - not running, many good parts, name price on car or parts. Frank, Ext. 3898. PEUGEOT 304 STA WGN - good cond, front w/d, excel gas mi. \$500 or best offer. Joe, 286-0139.

69 TOYOTA - 26-28 real mpg, excel compression. \$650. Rich, Ext. 2965, 744-0960.

73 CAMARO - 63,000 mi, 350 ci, 4 spd. \$1500. Bob, 473-8804.

PR 6X9 SPKRS - used 2 mos (totalled car). Pd \$75, asking \$25. Chris, Ext. 4612.

73 CHEVY PICKUP - 4 w/d, C-20, 4 spd, V8, excel cond. \$2500. Eric, 878-1790.

63 FORD FALCON STA WGN - running cond, good for parts. \$100. Carl, Ext. 4711, 286-0271.

78 CHEVY CAMARO - a/t, ps/pb, AM/FM tape, a/c, tilt steering wheel, very low mi. 981-5993 after 6.

71 PLYMOUTH DUSTER - gold, 70,000 mi, V8, good cond. Rhonda, Ext. 4106, 878-1731.

69 LTD STA WGN - runs well, needs work. \$150. Murdock, Ext. 4731.

71 MACH I - 351 ci eng, 4 spd, many new parts, good cond. \$1200. 277-9749 after 5.

TIRES - 2 ea G78-14 brand new b/w, Sears tires. \$50 takes both. Ext. 2964.

74 AUDI 100LS - 4 dr, a/t, a/c, stereo, \$1500; 70 Olds Cutlass, 4 dr, new trans, a/c, has 72 front clip, \$975. Tony, Ext. 2358.

72 PINTO STA WGN - new paint, a/t, good cond. \$1200. Murdock, Ext. 4731.

Boats & Marine Supplies

11' MOTH CLASS SAILBOAT - wood covered fiberglass, 1 main. Asking \$250. 289-0925.

19½ THUNDERBIRD - tri-hull 1974, 115 hp Merc, full canvas, trailer, Port Jeff slip. \$3400. Susan, 981-1195.

BOAT TRAILER PARTS - axle plus wheel, winch, etc, any reasonable offer. Joe, 286-9260 eves.

12' ALUM SEARS BOAT - rigged for sailing, no sail, \$125; 7½ hp Sears motor, excel, \$175. Ext. 3654.

16' THOMPSON - 40 hp outboard w/Gator trailer, fully equipped, full canvas, good cond, leaving state. Sacrifice. 732-5711 eves.

28' PACEMAKER - Sport Fisherman, F/B, D/F, outriggers, good cond, in water, ready to go. Dick, 363-8981 eves.

18' FIBERGLASS RUNABOUT - w/50 hp Merc eng, good cond, in water. \$1300. Les, Ext. 4074.

Yard Sales

MASTIC - cor Styvesant & State Sts, Aug 4-5, 10 a.m. 5 p.m. 281-9411.

E. PATCHOGUE - 2 Bay end of Woodacres, Aug 4-5, 10 a.m.-4 p.m.

Miscellaneous

15' SCOTTY TRAILER - sleeps 5, refrig, stove, heater, gas/elec, new awning. \$1000. Pete, Ext. 3868, 878-1225.

SLIDE PROJECTOR - 35 mm, sm, portable, \$15; 35 mm slide & strip film projector, \$30; set lg candle molds. Ext. 4058, 286-0436.

WOODEN VANITY - w/skirts, mirror & chair, perf for girl's rm. \$20. Witkovser, Ext. 4607

LADIES' BIKE - 10-spd Mossberg, med wt, good cond. \$100. P. Oster, 286-1248.

PIANO - excel Wurlitzer colonial, offers over \$950; triple dresser w/twin mirrors & nite stand, Ital Prov, \$200. Ext. 7995, 654-2093.

AM/FM MULTIPLEX AMP - new in carton, made for console, make your own cabinet. \$30. Carolyn, Ext. 7976.

MUSICAL INSTRUMENT AMP - "Sound," dual channels, Jensens, high quality components, excel cond, w/cover. \$180. Steve, 286-0534.

POOL - 24' round, above ground, 32" ext door, 4 lite, 3 panels below 1¾" thick, new; 4-14" spinner wheel hub caps. Ext. 4702, 928-7769.

CANNING PRESSURE COOKER - \$9; bottle capper w/box caps, like new. \$6; foot locker, \$7; Thayer crib, \$15; high chair, \$3. 727-1617.

SOLIGAR LENSES - 135mm f2.8, 200mm f3.5 in Nikon F/FTN mounts. \$50 ea. Phil, Ext. 7934.

ADDING MACHINE - Sears 10-key, \$45; metal side posts for twin bed, \$4. 475-0144.

CAMERA - Polaroid Land, \$3; GE wrinkle remover, \$2; elec water heater teapot, \$1. Susan, Ext. 4207.

TANKS - aquarium, 10 & 15 gal, w/slate, \$9 & \$12; bedframe-dbl bed, \$10. Ext. 4172.

ENCYCLOPEDIAS - 1976 Colliers. Orig \$650, asking \$395. Sharon, Ext. 3793, 878-2591 eves.

HAMMOND ORGAN B-3 - w/Leslie spkr & Conn Min-O-matic 11 rythm attachment, instrument in perf cond. Lois, 751-0023.

STEREO - \$70, negotiable. 736-2511 after 6.

ACCUTRAC + 6 - programmable record changer, remote control, 10 mos, perf. Cost \$394, now \$275. Ext. 7934.

DBL WINDOW - 67½"x38½", excel cond, \$125; dinette set, excel cond, \$75. Bob, Ext. 3309.

BABY CARRIAGE - birchwood table & chairs; formica table & chairs, step stool. Ext. 7772.

ELEC MOWER - B&D dual 18", new parts. \$50. Vinny, Ext. 4285.

COFFEE CANS W/LIDS - 50, free. Bernstein, Ext. 4382.

ELEC ADDING MACHINE - paper record Monroe, SCM, Rem Rand, good cond. \$10 ea. Bob, Ext. 2819, 289-0357.

ESTEY ORGAN - dbl keyboard, good cond. \$100. 924-6582.

ORCHESTRA VIOLIN - w/bow, case & pitch pipe, made in Germany. \$300 firm. Ext. 4528.

BIKES - 2-26" his & hers; 16" girl's/T wheels; trike wagon & tractor; from \$5-\$12 ea. 744-0354.

LIV RM SET - brn/wht stripe herculon, couch, love seat, chair & ottoman, \$125; 2 end & 1 coffee table. \$50. 744-6532.

38' TRIAD UTILITY - 3-axle flatbed, gooseneck trailer, 1978 model w/5th wheel incl, use w/pickup or converted for tractor, max wt 18,000. Asking \$8500. 878-2410.

CARPETING - blue/blue 11x15, excel cond; green & brown 11x12½ indoor/outdoor, excel cond; orange shag 12x15, fair cond. John, Ext. 7994, 473-7030.

CAMERA - Polaroid Square Shooter 2 Land camera, excel cond. \$12. 727-5912.

A/C - casement window type, GE 10,000 BTU, used 1 season, guaranteed perf cond. \$100. 271-2877.

B/W TV SET - console, \$25; Polaroid camera, \$15; recliner frame, \$10; port hair dryer, \$10; artificial Xmas tree, \$5; asstd items. Palais, 698-0576.

BX CABLE - 4 conductor, size 6, 40 ft, good for elec range feeder or for a sub panel. \$15 or best offer. 727-3608.

GOLD SOFA - 3 pc, 1 section converts into a dbl bed w/matt, matching end tables & lamps. Norma, Ext. 4019.

BABY ITEMS - 3 drawer white changing table, like new. \$20; high chair, \$15; food warmer, potties, walkers. Judi, 928-5714.

DROP LEAF TABLE - antique, good cond. \$125. Bob, Ext. 3309.

GOLF BAG & CLUBS - \$50; bowling ball, shoes & bag, \$25; Polaroid Land 900, \$50. Billy, 281-4598.

STUDIO COUCH - convertible to sleep 2. 286-9158.

OBOE - wood body, open hole, \$250; D-flat piccolo, \$95. Ext. 3835, 399-4128.

A/C - Philco AS9K1, 9000 BTU/hr, good working cond. \$250 or best offer. 286-3742.

CANNING JARS - glass top qts. Dolores, Ext.2926, 584-5919.

PROVINCIAL SOFA - lt blue velvet, very good cond. \$100. Barbara, Ext. 2540, 698-3724 eves.

COMM FLOOR WAXER - w/access, excel cond, \$85; Sears upright freezer, 15.3 cu ft, used 1 yr, \$175; United upright freezer, 23 cu ft, 4 yrs old, \$175. Ext. 3218 after 8/6/79.

19" COLOR TV - Westinghouse, may need tubes, ideal for tinkerer, best offer; gerbils - free for the asking. A. Romano, Ext. 4024.

TELETYPE - ASR33, w/stand & spare reader. \$350. Jack, Ext. 4255, 289-6708.

REFRIG - Kelvinator white 12 cu ft, ugly but runs well. \$50. Ext. 7951, 744-3029.

WASHER - 4200 Whirlpool portable, new, used 2 mos only. Asking \$200. Ext. 3707/4829, 744-0007.

DISHWASHER - GE top-load, excel cond, \$100; Batik colors from Germany; Time magazines free; Perigo carriage in 2 parts, car bed & stroller, excel cond. \$45. 924-3303.

GOLF BALLS - any make, excel cond. 25¢ ea. Ext. 3765, 744-5079, 929-6235.

GARDEN TABLE - chairs, iron, patio umbrella, beach chairs. Ext. 4305, 286-2320.

FILTER FOR POOL - 15 gal sand w/backwash valve. \$25. Ron, Ext. 4089.

TOY POODLES - mix (?), blk, 3 males, 1 female, 6 wks, free to loving homes. Paul, 286-2517.

KENMORE FLOOR POLISHER - \$5; 2-drawer end tables, \$5 ea; Arvin portable perimeter heater, \$5. 281-7844.

RATCHET SETS - new 40-pc combo, std & metric, ¾" & ½" drive, 34 sockets. \$12.50. Jan, 286-3623.

MARIGOLDS - mixed colors. 12 plants for \$1. W. Stars, Ext. 4278, 298-9648 eves.

FURNITURE - bed, desks, TV set, refrig, lamps, etc, a bargain! This Sunday. Le, Ext. 2060, 821-1296.

2 SOFAS - chair, day bed. TV, construction type wheelbarrow, many more household items. Chick, Ext. 4305, 698-0710 (after Tues.).

REESE HITCH - class 3, fits Chev, \$30; elec clock wall mantel, \$15; swivel recliner, \$20. 325-1961.

AIRQUIPT SLIDE PROJECTOR - slide holders. \$1 ea, 4/\$3. Joe, Ext. 4069.

SUBMERSIBLE PUMP - "Kenca" all brass auto, 1 hp, 115V. \$50. Ext. 4306, 475-6903.

OPERA TICKETS (MET) - two/four ea, Carmen (Nov 2), Fidelio (Jan 18), DC box. \$12. Christman, Ext. 4004.

LIV RM SET - 4 pc sectional w/end tables, \$100; blond bedrm set, \$85. Henry, 281-8538.

ELEC GUITAR - w/4 pickup & amp, \$100; surfboard, Hawaii model "A", \$175. 744-3968 after 4.

2 ENGLISH BIKES - ladies' 3 spd, both red w/white trim, 1 w/child seat, both very good cond. \$35 ea. 744-5801.

LIV RM SET - Ital Prov, tables, loms, sofa, chair, \$500; Ital Prov din rm set, table, 4 chairs, buffet, \$450. 821-9192 after 6 weekdays.

PURE LOCAL HONEY - \$1/lb. 722-4660.

COMPL UNIFORM - GIRL Scout Cadette, brand new, size 12. \$10. 744-5424.

GARAGE DOOR - 4 section w/windows, wood, 9' wide; twin stroller, front/rear seating, reclining removable seats, fits normal doors. John, Ext. 4191.

OAK GUN CABINET - holds 4 guns horizontally, glass doors, locked storage shelves. \$125. 581-7841.

DOBERMAN PUPS - dark, cropped, shots, wormed, AKC reg, 9 wks old, reasonable. 924-6549.

BABY ITEMS - 2 carriages, food processor by Water Pic, walker, 2 tubs, swing, jolly jumper, GE feeding dish, infant clothes, etc; reasonable. Bette, 281-7763.

WINCHESTER MOD 70 - target 308 free floating barrel, Redfield match sights, also target 308 Lee Loader, better than new. \$460. 744-2493.

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

SHIRLEY - sparkling new deli, priced to sell, fully stocked, excel location, sickness forces sale. 281-6981 after 9 a.m., Ext. 3533.

BROOKHAVEN HAMLET - charming older home, S. Country Rd, 3 bedrms, window seats, 29' L/R, D/R, eik, 2 fp, scr pch, fin bsmt w/bar, 2 car gar w/extra rm, chicken coop, 0.6 acre, lg veg & flr gdn, very low taxes, 8.5% mtg. Ext. 2633, 286-1056.

MASTIC - 3 bedrms, D/R, L/R, eik, bsmt, gar, 100x100 fenced plot. \$29,500. Ext. 2477, 281-4595.

PORT JEFF STA - 4 bedrms, den, fam rm w/fp, 2½ baths, detached gar & ½ w/workshop, lg eik, insulated, partially fin bsmt, new stockade fence. \$34,990. Ron, Ext. 3162, 473-6862.

BROOKHAVEN HAMLET - custom cape, 4 bedrms, L/R w/fp, kit, D/R, fin bsmt, blk driveway, fenced around prop, tool shed, fully landscaped. \$44,500. Ext. 2043, 286-8923.

N. SHIRLEY - 3 mi from BNL, L/R, D/R, brick & cabinet-lined kit, 3 bedrms, w/w, s/s, 4 appl, shed, only 2½ yrs old. \$3000 cash over assumes 8½% mtg, no adjustments. Ext. 3835, 399-4128.

CORAM - Tanglewood Hills, 4 bedrms, 15x20 den w/fp, L/R-D/R w/wall, eik, 2 baths, 2-car gar, fenced 4 appl, 4/10 acre, gas heat, SD #12. Asking \$38,000. Ext. 3404, 698-4966.

BELLPORT - S/S. Country Rd, 9 rms, 4-5 bedrms, den, 3 baths, lg eik, fp, gas heat, 2-car gar, lg breezy front porch, huge trees. Anne, Ext. 3404, 286-3764.

SETAUKET - N/25A, 4 bedrms, 2-car gar, 2 baths, L/R & fam rm ea w/fp, D/R, ¾ acre landscaped. \$70,000 firm. Ext. 2337, 751-1283.

BELLPORT VILLAGE - gas-saving location close to stores, water, tennis & golf; mod well-insulated 4 bedrm colonial, fam rm w/fp, D/R, L/R, eik, polished wood floors, 2½ baths. Mid 50's. Ext. 7730, 286-8097.

CORAM - 4 bedrm cape, eik, D/R, lg L/R, 2-car gar, fenced-in prop, ½ acre. \$38,900. Ext. 2951, 473-1585 offer 6.

ST. JAMES - Head-of-the-Harbor, 5 bedrm, 2-story older home, 2½ baths, 3 fp, formal D/R, 1½ secluded acres, lg flr & veg gardens. \$62,000. Anne, Ext. 3404, 584-5685.

S. SHIRLEY - 3 bedrms (possible 4th), 1 full + 2 half baths, L/R, D/R, eik, den w/fp & woodburning stove, bsmt, 2-car gar, many extras, 7 mi from BNL. \$37,000/negotiable. Ext. 3827, 281-0804 eves.

SHOREHAM - 4 bedrm colonial, 2½ baths, fp, fenced ½ wooded acre, S-WR school dist, N/25A, walk to beach. Ext. 2627, 744-3443 eves or weekends.

ROCKY POINT - Tide area, 3 bedrm ranch w/fin bsmt ½ acre, prvt beach, near shopping center, many extras. Sam, Ext. 3911, 821-1810.

MILLER PL - immac 4 bedrm colonial, L/R w/fp, formal D/R, fam rm, 1½ baths, full bsmt, 2-car gar, flagstone patio, wooded area. \$51,900. Ext. 3305, 734-5527.

FT MYERS, FLA - The Villas, 2 bedrms, 1 bath, L/R, Florida rm, din area, patio, a/c, close to beaches, shopping & churches. 654-2972.

FLORIDA - Inverness Highlands West, 80x120 lot. Lists for \$3890, sell for \$3500 or best offer. Susan, Ext. 4304, 981-1195.

For Rent

VT CHALET - beautiful furn, stone fp, woodland hiking trails, swimming pond, lake canoeing, fishing, near golf, tennis, antiques, alpine slide, rent weekly. Ext. 3448, 757-5599.

CENTER MORICHES - partly furn 1½ bedrm house, 2 fp, Oct thru March, maybe longer. \$250/mo. Ext. 3710, 878-4304.

Classified Ad Policy

Deadline is 12 noon Monday for publication Friday of the same week.

1. The Brookhaven Bulletin'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. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.

5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the office of the Brookhaven Bulletin, 40 Brookhaven Avenue.

For Sale: Autos & Auto Supplies
 For Sale: Boats & Marine Supplies

For Sale: Miscellaneous
 Car Pools

Lost & Found
 Services

Wanted

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print).....

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

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).

SOUND BEACH - 1 bedrm furn apt, util incl. \$300/mo, mid-Aug. Ext. 2926, 281-0268.

PATCHOGUE - 2 bedrm apt, ground floor, patio, no pets, L/R, kit. \$350/mo incl util. 475-9131.

NO. PATCHOGUE - 2 bedrms, carpeted L/R, ex lg eat-in country kit, full bsmt, fenced yard. \$375. Ext. 7995, 654-2093.

SOUND BEACH - 1 bedrm apt, prvt ent, kit, L/R, full bath, single person preferred. \$265 incl util. Ext. 2521, 744-7638.

BLUE POINT - bulkhead canal front 2 bedrm house, sitting rm w/balcony overlooking bay, 1½baths, seclued area, big yard. \$450/mo. Beitel, Ext. 4223, 363-2101.

ROCKY PT - 4 bedrms, 1 yr lease, furn, ½ mi from beach, yard, sauna, bsmt, avail Aug 15, couples only, pets OK. \$275 + util. Ext. 2906, 246-5011 days, 821-0662 eves.

MORICHES - studio apt on waterfront avail till Nov 1. \$200/mo incl util. Ext. 3400, 878-0898.

Wanted

WOODEN ROCKER - Ahmed, Ext. 3395, 399-5807.

BABYSITTER - after school & vacations, 2 children 8 & 10, Shoreham. Ext. 3325, 744-7493.

1 BEDRM APT - Port Jeff/Stony Brook areas. Ext.4528.

AUTO-RELATED LITERATURE - repair manuals, etc, bought & sold. Frank, Ext. 2022.

DEHUMIDIFIER - Cub Scout uniform (reg clothing size 8). Ming, Ext. 2967, 821-9072.

OSCILLOSCOPE - D.C., in good cond. Jim, Ext. 3372.

HOME FOR DOG - female, 1 yr, spayed, all shots, good w/children. Ext. 4218, 744-2404.

BARBELLS & WEIGHTS - Garry, Ext. 2501.

COINS - buying coins, collections, estates, accumulations, highest prices paid. J. Spillman, Ext. 4605.

TOYOTA - 1968-72, any cond, reasonable. Bob, Ext. 2819, 289-0357.

CANNING JARS - freezer (chest); tires, radials for Honda CVCC, 12". Bob, Ext. 3565, 924-9210.

CHILDCARE - children 5 & 7 in BERA-SRP, House 24 or your apt. E. Fenaler, Ext. 3651.

CO-DRIVER - to NYC, NJ, and/or Pa area & return, after 8/3. E. Fendler, Ext. 3651.

Car Pools

MT SINAI - Imperial Gardens, would like to start or join car pool. Ext. 3741, 928-8465.

E. PATCHOGUE - Hospital Rd area, start or join non-smoking car pool, 8:30-5. Walte, Ext. 2957.

DIX HILLS - would like to start or join car pool. J. Lukachinski, Ext. 2249.

E. ISLIP - Great River area, join or start car pool, 8-4:30 shift. Steve, Ext. 2022.

STONY BROOK - want to join car pool from Strathmore-East, via Nicolls Rd or Hwy 347, 8:30 a.m.- 5:00 p.m. Ext. 4044, 751-3889.

Lost & Found

Lost - 1 Seiko watch, area of N/E tennis court, wide stainless steel band. B. Brown, Ext. 3644.

LOST - hand made brass ring, outside pool/gym, sentimental value. Please call Kathy, Ext. 2410.

Services

PAINTING - int/ext, 2-coat look, 1-coat price. Nick, 286-9249 after 6.

BABYSITTING - mother will babysit children in her home, Manorville area. 727-4994.

ROOFING/SIDING - reasonable rates, Rhd, Matt, Hampton Bays, Wading River & Moriches area. Ray, Ext. 4479.

ANTIQUUE CARS - avail for hire, specializing in weddings. Mike, 281-3460.