

# *the* Bulletin Board

VOLUME 18, NUMBER 44

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## HOLIDAY NOTICES

Monday and Tuesday, September 6 and 7, will be observed as official Laboratory holidays.

### PAY CHECKS

Due to the holidays, all weekly pay checks will be distributed to departments on Friday morning, September 10. Shift workers scheduled to pick up their checks on Wednesday or Thursday may have the checks mailed to their homes on Friday, September 10, by advising Payroll of their mailing address no later than Thursday noon, September 9.

### CAFETERIA-CENTER HOLIDAY SCHEDULE

The Brookhaven Center will be closed from Saturday, September 4, through Tuesday, September 7.

At the Cafeteria, the Snack Bar only will be open on these days, from 9:00 a.m. to 5:00 p.m. The food vending machines there will be in operation throughout the holidays.

## *Arrivals and Departures*

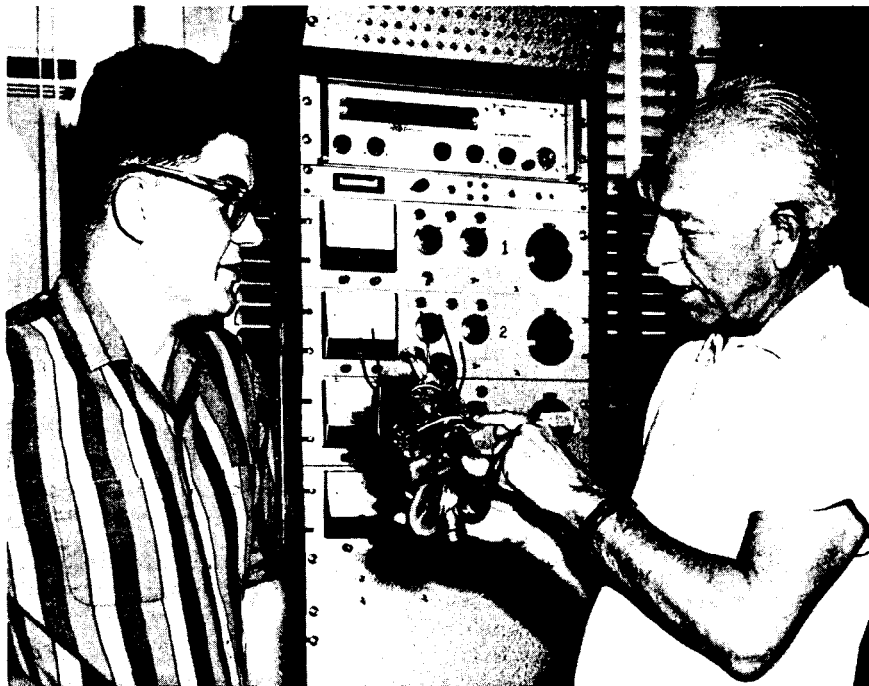
### WELCOME TO BNL

AGS	
Robert A. Boley	Ext. 7772
BIOLOGY	
Ashish K. Ghosh	441
Alan G. Underbrink	388
INFORMATION	
Lesley Hindermann	7236
MEDICAL	
Barbara J. Adams	301
PLANT MAINTENANCE	
Helmut C. Stuebe	2120

### RECENT DEPARTURES

APPLIED MATHEMATICS	
John R. Cannon	
BIOLOGY	
Donald E. Fosket	
Masaki Furuya	
Jerome P. Miksche	
Jack Van't Hof	
CHEMISTRY	
C. Brian Cragg	
Joe V. Michael	
Paul L. Reeder	
FISCAL	
Charles P. McDermott	
NUCLEAR ENGINEERING	
David K. McGuire	
PHYSICS	
Trevor C. Bacon	

## NEW SUPERCONDUCTIVITY MAGNET DEVELOPED AT BNL



**THE FIRST OF ITS KIND** - P.G. Kruger (right), a physicist from the University of Illinois, goes over the construction of the superconducting quadrupole magnetic lens with William B. Sampson of BNL.

In the wondrous world of cryogenics - the study of the supercold - liquid helium defies gravity and creeps up the sides of a test tube; and some metals, such as niobium-tin alloy, lose all resistance to electricity. This alloy, when cooled to the temperature of liquid helium, minus 457 degrees F., acts as a superconductor and can be used to build a pint-sized magnet requiring virtually no electricity to operate yet packing the punch of a room-sized magnet requiring millions of watts.

Studying along these lines, BNL scientists have developed a superconducting quadrupole magnetic lens which could be used to focus a beam of charged nuclear particles. Although superconducting magnets are not new, this is the first time a quadrupole magnetic lens has been designed, constructed, and tested successfully. This achievement has shown that superconducting magnetic lenses not much larger than the one pictured above and further refined and developed, could conceivably replace the conventional iron quadrupoles now used for high-energy physics experiments.

When a positive particle strikes a target in the ring of the AGS, the impact produces a splatter of nuclear fragments which must be focused and directed to the research project. This focusing is presently accomplished by iron quadrupole magnetic lenses which act on a beam of particles much the way a ground glass lens acts on a beam of light. The iron focusing magnets now in use measure up to three feet high, three feet wide by six feet long, and weigh up to fifteen tons; they require up to 150 kilowatts to operate.

The new lens is a product of the new High-Field Superconductivity Working Group whose studies range from the fundamental properties of superconductivity through to the actual design and construction of practical devices. The superconducting quadrupole lens was designed and constructed by William P. Sampson and Richard B. Britton of BNL with P.G. Kruger of the University of Illinois as consultant.

**AROUND THE BASE PADS**

by Bob Carciello

The grand finale of the softball season took place as scheduled on August 25 with over 150 spectators and players on hand to enjoy the evening's festivities. The defending champs of the Laboratory League All Stars were no match this year for the aggressive playing of the National and Brookhaven stars. The Brookhaven League came out victorious.

The Brookhaven and National All Stars pitted their skills against each other in the opening three frames. A single by Neal Roberts (Braves) drove in a run in the bottom of the first to put the National League out in front 1-0. This proved to be the winning run after both teams went scoreless for the next two frames.

The Laboratory League scored three runs in the third as the Brookhaven stars retaliated with one. Things looked bright for the Lab stars until the roof came tumbling down in the bottom of the fourth. The Brookhaven stars tallied ten times to win this set 11-3.

More excitement was generated in the final three stanzas as the National and Laboratory All Stars put their skills on the line. Both teams were anxious to score as many runs as possible in order to total up more than the eleven runs logged in by the Brookhaven stars. The Nationals made their bid in the top of the eighth as they scored six times in spite of an unassisted double play by John Sucher (Pots). Mike Sheehan (Odd Balls) belted a two-run homer in the bottom of the eighth to give the Lab stars their only two runs in the final three innings.

Final score: Brookhaven League 11, National League 7, Laboratory League 5.

Team	B	B	B	L	L	L	N	N	N
Inning	1	2	3	4	5	6	7	8	9
Score	0	0	0	3	0	0	0	6	0
Score	1	0	0	1	10	0	0	2	0
Team	N	N	N	B	B	B	L	L	L

**CHILDREN'S  
SUMMER PROGRAM**

The children's Summer Program for on-site residents came to an end on Friday, August 20, with its annual get-together. Over eighty parents and children attended the affair and were served ice cream and punch after a picnic lunch. The climax of the day was an awards assembly for the track and field meet held the previous week. First place ribbon winners included: Barbara Gluckstern, Joan Overhauser, Simon Wroe, Tommy Loper, Paul Carter, Joel Carter and Johann Hellestrand.

**AUI GROUP INSURANCES REVISED**

Effective today, several changes are being instituted in the AUI Group Medical and Long Term Disability Insurance plans. The announcement of the changes by Dr. M. Goldhaber, Director of the Laboratory, and a detailed explanation of the expanded benefits were mailed to the homes of all regular employees on August 26. Reproduced here for your information is the announcement. The detailed explanation appears on page 3.

BROOKHAVEN NATIONAL LABORATORY

M E M O R A N D U M

August 26, 1965

TO ALL REGULAR EMPLOYEES:

In accordance with the Laboratory's policy of providing its employees and their families with group insurance coverage that is equal to or better than that offered by similar institutions, I am pleased to announce that effective September 1st, 1965 we are again broadening the protection that these policies offer to you and to your families.

In general, the changes will be as follows:

Medical Insurance:

- A new diagnostic X-ray and laboratory test benefit.
- An increase in hospital services and supplies from \$280 to \$420.
- An extension in the length of the major medical benefit period and in the maximum total payment from \$10,000 to \$15,000.

Long Term Disability Insurance:

- An extension from the present \$500 maximum benefit per month to a new \$1,500 per month maximum benefit.

As you know, the Laboratory's policy is to pay the difference between the total cost of these insurances and the amount paid through employee premiums. The Laboratory will continue to pay the major portion of the total cost of the group insurances. Although it will be necessary to make a slight increase in the cost to employees for the Group Medical Insurance at this time, a reduction in the premium rate charged to employees participating in the Long Term Disability Insurance will offset much of this increase for employees who have both these insurances. It is this sharing of the cost between the Laboratory and the employees that enables us to provide such extensive coverage.

Enclosed is a detailed explanation of the expanded benefits that has been prepared for you by the Personnel Manager.



Maurice Goldhaber  
Director

**SPLASH PARTY - 1965**

On August 25, the instructional swim program was concluded with the annual Splash Party. Some 140 aquatic revelers participated in various contests and water games. The events ranged from rough and tumble cage ball scrimmages, through agility tests of balancing ping-pong balls on spoons while propelling the body through the water, to the financially-rewarding enjoyment of diving for pennies. The youngsters' competitive spirit was recognized by the presentation of awards to first, second and third place winners. Not one merman or mermaid left the pool empty-handed, since the grab bag was open to all. First place winners were: John Phoenix, Seth Foley, Robert Callister, Laura Brown, Lynn Bookless, Lora Shiner, Silvia Iwantschuk, Sean Glynn and Joel Carter.

## AUI GROUP MEDICAL AND LONG TERM DISABILITY INSURANCE CHANGES

### I. DIAGNOSTIC X-RAY AND LABORATORY TEST BENEFIT

If an insured employee or dependent undergoes diagnostic laboratory tests or x-ray examinations on or after the effective date, he will be reimbursed for expenses incurred for such tests up to a maximum of \$50 for each accident, and a maximum of \$50 for all illnesses within any 12 consecutive months. Each insured family member will have separate maximums.

**Limitations:** No diagnostic x-ray or laboratory test payments will be made for expenses incurred for:

1. or in connection with, pregnancy, childbirth or miscarriage;
2. or in connection with, an eye or ear examination or for an examination of the teeth or periodontium unless the examination is made for diagnosis of an injury received as a result of an accident;
3. which you or your dependents receive payment or are entitled to receive payment under the Hospital Expense Benefits.

Additional limitations applicable to laboratory and x-ray examination benefits are set forth in the general limitations under the Group Medical Insurance policy.

### II. INCREASE IN THE MAXIMUM ALLOWANCE FOR HOSPITAL SERVICES AND SUPPLIES

For hospital confinements starting on or after effective date, when confinement is due to any reason other than normal pregnancy, the maximum payment for hospital charges for necessary services and supplies (hospital extras) will be increased from \$280 to \$420.

### III. EXTENSION IN THE LENGTH OF THE MAJOR MEDICAL BENEFIT PERIOD

The maximum benefit period will be extended to two years of reimbursement at the rate of 80% and a third year of reimbursement at the rate of 50%.

### IV. INCREASE IN THE MAXIMUM MAJOR MEDICAL PAYMENT

The maximum dollar payment for each benefit period will be increased from \$10,000 to \$15,000.

The changes in the Major Medical benefits in both III and IV above will apply to claims on which the first expense is incurred on or after the effective date.

### V. DECREASE IN THE EMPLOYEE PREMIUM FOR THE LONG TERM DISABILITY INSURANCE

The premium will be reduced from one-half of one per cent to one-third of one per cent of covered base weekly or monthly salary.

#### EXAMPLE A: WEEKLY EMPLOYEES

Weekly Salary	Present LTDI Premium Per Wk.	Change In LTDI Premium	New LTDI Premium Per Wk.	Net Change Including Medical Premium Increase	
				Family (+ 24¢/Wk.)	Individual (+ 3¢/Wk.)
\$ 70	\$.35	\$-.12	\$.23	\$+.12	\$-.09
80	.40	-.13	.27	+.11	-.10
90	.45	-.15	.30	+.09	-.12
100	.50	-.17	.33	+.07	-.14
110	.55	-.18	.37	+.06	-.15
120	.60	-.20	.40	+.04	-.17
130	.65	-.22	.43	+.02	-.19
140	.70	-.23	.47	+.01	-.20
150	.75	-.25	.50	-.01	-.22

#### EXAMPLE B: MONTHLY EMPLOYEES

Monthly Salary	Present LTDI Premium Per Mo.	Change In LTDI Premium	New LTDI Premium Per Mo.	Net Change Including Medical Premium Increase	
				Family (+ \$1.04/Mo.)	Individual (+ 13¢/Mo.)
\$ 600	\$3.00	\$-1.00	\$2.00	\$+ .04	\$- .87
800	4.00	-1.33	2.67	- .29	- 1.20
1,000	5.00	-1.67	3.33	- .63	- 1.54
1,200	5.00	-1.00	4.00	+ .04	- .87
1,400	5.00	- .33	4.67	+ .71	- .20
1,600	5.00	+ .33	5.33	+ 1.37	+ .46

For salaries over \$1,600 a month, the premium rate for the Long Term Disability Insurance will be one-third of one per cent of base monthly salary up to a maximum premium of \$9.99.

### VI. EXTENSION OF THE LONG TERM DISABILITY MONTHLY MAXIMUM BENEFIT PAYMENTS

The monthly disability income payments of 50% of base monthly salary will be increased from a maximum of \$500 a month to \$1,500 a month. This change will apply to future claims when the first day of disability begins on or after the effective date.

Because of the increased costs of these extended benefits it will be necessary to make a slight increase in the cost to employees for the Group Medical Insurance amounting to 3¢ a week for the individual plan and 24¢ a week for the family plan. The monthly rate will be increased 13¢ for the individual plan and \$1.04 for the family plan. The premium for the employee and one family member plan will not be increased. The reduction in the employee premium rate for the Long Term Disability Insurance (V above) will offset much of this increase for those employees who have both insurances. The Laboratory will continue to pay the major portion of the total cost of the group insurances.

To illustrate the net change of the adjustments in contributions, examples are shown on the left.

The first change in deductions will be reflected in checks which employees receive on September 30. If you have any questions about the new benefits, please call Personnel Services, M. Petty, Extension 2512 or R. Vogt, Extension 2106.

## BOWLING LEAGUES FORMED

Bowling leagues are just about ready to get underway. The action will start the week of September 13. Captains' meetings are now being held. Listed below are the place, the night, the team and captains for each league.

### PORT JEFF BOWL

#### TUESDAY RED LEAGUE (Men)

1. Spitfires, E. FALES.....Ext.	2359
2. Ah Sos, E. RUTAN.....	2288
3. Twisters, R. WATSON.....	2528
4. No Names, R. SKELTON.....	2950
5. Mecca, K. RIKER.....	2187
6. Marksmen, L. EMMA.....	2468
7. Safety Pins, J. HIGGINS.....	591
8. Chug-A-Mugs, M. ROTHBART.....	2718

#### TUESDAY GRAY LEAGUE (Men)

1. Loosers, N. KREISER.....	2375
2. Fabricators, F. GREEN.....	2349
3. Five Excuses, G. WARNER.....	595
4. Bar Flies, J. WEISS.....	2472
5. Splitters, J. GALLAGHER.....	482
6. Rainmakers, L. COHEN.....	454
7. Bankers, F. HOHMANN.....	2226
8. AGS Beam Boys, J. DAVIS.....	2474

#### WEDNESDAY BLUE LEAGUE (Men)

1. Pinheads, J. SVORODA.....	470
2. E.A.O. Floorwalkers, G. SPEIDELL.....	2410
3. Bubble Boys, N. ANDERSON.....	7677
4. Spoilers, A. MANGER.....	566
5. Sleepers, J. LYPECKY.....	676
6. Screwballs, R. JONES.....	691
7. Nuclides, J. PETRO.....	548
8. All Shifts, B. ALVINO.....	2478

#### TUESDAY PINK LEAGUE (Ladies)

1. Odds and Ends, G. FALES.....	2164
2. Diamonds, A. NEBER.....	2100
3. All Toes, P. TOWEY.....	602
4. Fizzles, J. GAZZOLA.....	561
5. Atomettes, P. COOPER.....	7779
6. Medigals, A. KIRKPATRICK.....	2907

### PATCHOGUE RECREATION

#### MONDAY GREEN LEAGUE (Men)

1. Rems, C.W. FLOOD.....	2871
2. Reefers, J. KAMPE.....	2389
3. Old Timers I, G. LOWE.....	7168
4. Old Timers II, W. SCHNEIDER.....	7183
5. Gnats, R. WILSON.....	472
6. Floorwalkers, T. LEE.....	2410
7. Electronics, R. DVORAK.....	7232
8. Fire Dept. I, J. RHODES.....	316

#### WEDNESDAY PURPLE LEAGUE (Men)

1. Hopefuls, A. HANSON.....	566
2. Bowlaides, E. WALSH.....	444
3. Woodbutchers, W. MILIAN.....	2382
4. Phoubars, R. BROWN.....	2271
5. S. & M.'s, P. BORZI.....	2190
6. Fiscal, K. ROSE.....	446
7. Designers, E. SPERRY.....	7782
8. Blackbirds, C. NIGLIO.....	566

### PATCHOGUE BOWLING CENTER

#### TUESDAY ROSE LEAGUE (Ladies)

1. Bloopers, A. ROMARD.....	7143
2. Nightingales, M. HEINE.....	7143
3. Alchemists, E. NORTON.....	2139
4. Piffledusters, L. BARTOS.....	2172
5. Pinsplitters, W. FLANNERY.....	2860
6. Unpredictables, R. KLIMASKI.....	2896

### MR. AND MRS. LEAGUE

The deadline has been extended until 1:00 p.m. on Friday, September 3. Please get your entries in as soon as possible.

### B.G.A. OPEN TOURNAMENT

The B.G.A. Open is now in its final stages. Each flight is getting ready to play its last round to determine the flight winners. Due to bad weather, one match was not completed, but will be played shortly.

To date, the finalists are:

- A. Joe Friedes vs. Ed Serine
- B. Bob Pulsifer vs. Leon Meshel
- C. Jerry Weiss vs. Tom Iarocci
- D. Bob M. Brown vs. Bill Keating
- E. Len Galanter vs. . . .

### NINE HOLE GOLF TOURNAMENT

On Thursday, September 2, after work, the BERA Golf Association is having a nine hole golf tournament for all B.G.A. golfers with established handicaps.

The tournament will be medal play (total strokes) at full handicap.

The course to be played and the player groupings will be assigned by the starter.

A hole-in-one contest will also be featured on each of the three courses.

There will be no teeing off after 5:30 p.m., so get there on time and meet the other B.G.A. golfers.

### RIFLE-PISTOL CLUB

The Upton Rifle-Pistol Club will hold its first meeting of the new season on Thursday, September 2, at 8:00 p.m. in the Recreation Building.

### WATCH FOR CLASSIFIED AD SUPPLEMENT

### CLASSIFIED ADS

#### FOR SALE

1954 PONTIAC - Chieftain, clean, safe, comfortable, dependable. AT 6-1214.

STATION WAGON - Late model in excel. cond. AT 6-9260.

1960 OLDSMOBILE - Dynamic 88, auto. trans., ps/pb, r/h, excel. all around. Any reasonable offer. AT 6-9260.

1963 VOLKSWAGEN - Excel. mechanical cond. \$1,175 or best offer for quick sale. G. Mansfield, Ext. 2857.

1960 PONTIAC - Convertible, full power incl. windows. New tires, muffler, top, shocks, snow tires incl. Excel. cond. AT 6-9260.

1963 CADILLAC - Alpine white, 4-door hard-top, ps/pb & windows, selectronic radio, etc. Not yet 2 yrs. old. \$3,500. 281-5838 after 6.

1957 FORD - Station wagon, tires fair, r/h, V8 engine, vinyl upholstery like new, must sell. \$100. W. Kalinowski, Ext. 2457 or AT 6-0246 after 5:30.

1958 VOLKSWAGEN - Black, sunroof top, \$350. Aronson, Ext. 345.

1960 CHEVROLET - Bel Air sedan, aqua & white, std. trans., 283 V8 engine with over-drive, 4 tires 3 mos. old, 2 snow tires & rims used 1 season. \$775. AT 6-0291.

WILLIAM FLOYD FUGITIVE - 1961 Oldsmobile Starfire convertible, bucket seats, power everything including engine. Forced to sell because of inability to control in radar traps. Ext. 2512.

1958 FORD - Station wagon, in fine running cond. \$250. D. Ophir, Ext. 2954.

1961 FALCON - Deluxe 4-door blue sedan, std. trans., new ww's, r/h, clean, very good cond. \$475. Ext. 7727 or 2992.

1964 VALIANT - Sedan, 30,000 miles, owner leaving soon. Ext. 504.

1962 MGA - Mark II 1600 series, new metal flake paint, new tires, top & tonneau, r/h. Susan, Ext. 2586 or 281-8736.

1959 DKW - 900S. George, Ext. 2243.

18' OUTBOARD - Fiberglass, 75 hp Johnson, Navy top & covers, bunks, head, fully equipped. Ext. 2735 or PA 7-1199.

18' SEA SKIFF - 1960 with 1962 50 hp Evinrude. Must sell. Lots of extras. AT 6-9161 after 6.

14' SKIFF - Fiberglass, double bottom, 18 hp outboard. Both 1963. Ext. 423 or AT 6-0626.

16' RUNABOUT - Thompson, 1955 lapstrake construction, steering wheel, anchor & oars. \$125. SE 2-6562.

# the Bulletin Board

## CLASSIFIED ADS SUPPLEMENT

### FOR SALE

1961 CHEVROLET - Impala convertible, white with blue interior, auto. trans., ps, duals, r/h, V8 engine, 4 barrel carburetor, snow tires & rims incl., new top. \$1,000 firm. Jim, Ext. 7191.

1960 VALIANT - Red, new trans. & brakes, very clean, excel. mech. cond. Sehgal, Ext. 2741.

1959 FIAT SPYDER - Must sell. Best offer over \$300. Ext. 2840.

1963 CHEVROLET - Impala, 4 dr. sedan, white with red interior 283 V8 eng., p.s., auto., r/h. Excellent cond. Priced right for quick sale. B. Fox, Ext. 2528.

1962 FALCON - 2 door, std. trans., good cond., new battery, generator. \$675. Available Sept. 17. A. Appleby, Ext. 628.

1958 CHEVROLET - 6 cyl., std. trans., good running cond. \$100. A. Rabe, Ext. 628.

1962 PONTIAC - Convertible, ps/pb, very good cond. \$1,400. Rosalie, Ext. 557 or 479.

1960 OLDSMOBILE - 98, ps/pb, excel. cond., air cond. \$900. R. Terrano, Ext. 351 or 2588.

1961 FORD - 4 door, 6 cyl., std. trans., in excel. cond. E. Krzeminski, Ext. 2412 after 4 or JU 1-2863.

THE PINK PANTHER - 1960 Rambler custom sedan, orig. 56,000 miles, excel. rubber, std. trans., radio, reclining seats. Priced to sell at \$395. B. Carciello, Ext. 2200 or AT 9-2159 after 5:30.

23' SLOOP - True Rocket, dacron sails by Hard, 16 hp inboard, sleeps 2, many cruising extras. Excel. cond. Ext. 2263.

14' BOAT - Aluma-Craft aluminum boat with trailer, immaculate cond., ready to go. \$250. Lou, Ext. 2430.

HOUSE - In Miller Place, 4 bedrooms, 2 bathrooms, playroom, full basement, garage, oil hot water heat, split rail fence, tall trees, near school and beach. Ext. 321 or HR 3-2244 evenings.

HOUSE - Colonial Ranch 7 rooms. 3 bedrooms, dining room, living room, paneled kitchen, beamed ceiling, playroom, full basement, oversized garage, storms & screens, fenced & landscaped. \$14,000. W. Powell, Ext. 580 or HR 3-9036.

HOUSE - In Shirley, 2 bedrooms, lg. living room, lg. eat-in kitchen, hall, tiled bath, full basement, oil forced air heat (cheap), on 1/2 acre with trees. 10 min. from Lab. \$12,600. T. Ludkewycz, Ext. 2535 or 281-6899.

HOUSE - Sale or rent. 3-bedroom Ranch, living room with fireplace, bathroom, kitchen & dining area, breezeway & garage. Full basement, hot water cast iron baseboard heat 1 1/4 acres. YA 4-6165 between 6&8.

HOUSE - In Brookhaven Village, Beaverdam Road near Old Stump Road. 6-room ranch, lg. screened porch, full kitchen, fireplaces, game

room, 120-300 wooded lot, 1 block water-front. \$28,000. Call owner in Pittsburgh collect. Area code 412-563-4897.

DISHWASHER - G.E. Mobile Maid, portable with power shower. Cost \$160. Used 6 mos. Like new. \$115. 751-2243.

FOOTBALL EQUIPMENT - Med. sized new MacGregor helmet, blue with gold stripe, \$4. Boy's size gold, heavily padded, Empire 100% cotton football pants, \$3.50. Boy's size Rawlings unused football pads, \$2.50. Sell separately or all for \$9.50. Orig. over \$15.00. D. Shreeve, AT 6-8807 between 5:30 & 9.

ELECTRIC RANGE - General Motors, full sized, \$20. Also steamer trunk, \$10. Ext. 2882.

SOUND PROJECTOR - 8 mm Calvin Movie Sound 8", magnetic track on film, 500 W, 16 & 24 F.P.M. Very good cond., can be used without sound track \$75. J. Aloia, Ext. 481.

LIGHT FIXTURE - Brass, ceiling fixture, Colonial type with glass chimney & copper shade. Height adjustable, never used. \$15. Also circular fluorescent ceiling fixture. 12" diameter, white enamel finish, \$4. J. Weiss, Ext. 2472.

PACHYSANDRA PLANTS - Will sell or exchange for perennials or shrubbery. A. Hull, Ext. 595 or SH 4-5969.

WORLD'S FAIR TICKETS - 1/4 off. Also portable TV, 12" screen, excel. cond., \$50. Shop manual for 1959 Ford, \$2. Speakers, various incl. Acoustic Research tweeter, 15" woofer, horn tweeter, 12" wide range. Swim fins, pair, \$3. 15 watt amplifier. \$25. P. Lieberman, Ext. 7732.

SURF BOARD - 9'4" long. "Tiki" Excel. cond. \$80. C. Reed, Ext. 2182.

SUMP PUMP - 110 VAC elec. motor, good cond., \$20. 12 bass accordion with case, good cond., \$20. Wes, Ext. 322.

FURNITURE - Cocoa brown sofa & chair, \$45. Also mattress & springs for 3/4 bed (48") \$5. 286-1218.

AMPLIFIER - BC-610E better than orig. cond., 10-80 meters shielded, 1 KW DC input, AB<sub>2</sub> only as P.A. All tech. information. \$100. 281-7532 after 6.

SCHOOL SPECIAL - Smith-Corona portable typewriter in new cond. \$55. B. Monaghan, Ext. 2852.

FURNITURE - Antique spool bed (50" wide), \$20. Den chair, simulated leather, \$15. Maple kitchen table, \$5. Bedroom chair, \$5. Ext. 7611 or AT 6-9657.

BASS GUITAR - Solid body, like new. \$75. Frank, Ext. 451.

MINI-BIKE - McCullough MC6 engine, 2 cycle, rear wheel knobby type tires, hand brake, head light. Good cond., \$90. Ext. 322.

ENCYCLOPAEDIA BRITANNICA - 12 vols. with book rack, year books reasonable. Also stereo album, "Festival of Light" classical music, 12 records with composers guide. Like new, \$10. Ext. 322.

SHORT WAVE RADIO - Knight R-55 80 through 6 meters, BFO & bandspread, custom built by Warren Green. Also Austin 850 (Mini Minor) engine assembly complete with accessories (no drive shafts). Good running cond., 37 hp. R. Hudson, Ext. 7112 or JU 8-7744.

ROTARY MOWER - Wheel horse riding mower, used 2 summers. Cost \$379. Needs little work. \$75. Ext. 2367 or 732-9384 after 5.

TURNTABLE - Connoisseur 3-speed manual turntable, viscous-damped tone arm, mounted on walnut base. Best offer. G. Friedlander, Ext. 619 or EM 3-6884.

BICYCLE - 10-speed English Racer, 1 yr old. Excel. cond. Orig. \$80, sacrifice at \$49. R. Goldstein, Ext. 345.

DINING ROOM SET - Modern with lg. table, 4 chairs, buffet. Best offer. Ext. 455.

15' HOUSE TRAILER - Sleeps 4, elec. brakes, E-Z hitch, perfect cond. Asking \$800. Ext. 2381-2.

WORLD'S FAIR TICKETS - Purchased in 1964. Still honored. Adults, \$2. Children, \$1. R. Brown, Ext. 455.

RANGE - Gas cooking range, Estate, 4 burner separate oven and broiler. \$50. Ext. 2509 or 878-2928 after 5:30.

VACUUM CLEANER - Kirby-Deluxe model. Excellent condition. All attachments (waxer, sprayer, etc. - Never used.) \$50. HR 3-2523.

### FOR RENT

HOUSE - In Brookhaven. 3 bedrooms, garden, garage. \$150 per month. Available Sept. 15. Rigbi, Ext. 2324 or 286-0643.

APARTMENT - 3 rms, private entry, furnished. 10 min. from Lab. \$70 per month pays all YA4-3327.

APARTMENT - In Shirley, 5 extra lg. rooms, modern kitchen. Shelby, Ext. 2326 or YA 4-5237 after 6.

HOUSE - In Miller Place, 4 bedrooms, 2 baths, playroom, full basement, garage, oil hot water heat, split rail fence, tall trees, near school & beach. Ext. 321 or HR3-2244.

### WANTED

WOODEN STORM SASH - One over one, sizes: 3 28"x48" and 8 30"x48" (can use up to 50" in length). Also porch blinds, wooden slat bamboo or canvas, 5' or 6' wide. D. Ripperger, Ext. 301-37 or AT 6-0247 after 6.

CAMPING EQUIPMENT - Including tent & sleeping bags for three persons. Ext. 7716.

DUCK DECOYS - AT 6-8610.

DRIVER - For Sept. 17 trip to Los Angeles. E. Hamilton, Ext. 7733.

HOUSE - To rent. From Oct. 15. Unfurnished, 2 adults & 2 young children. Moderate rental. Safe play area. J. Lukeian, Ext. 624 or 473-8605.

NAMES - Of people who might clean house for me once a week. C. Hull, Ext. 2916.

HOMES - For 7-week-old half Siamese kittens. WA 9-6063.

HOUSE - With 2 or 3 bedrooms, lg. kitchen with dining area or separate dining room, living room, 1 bath. Must have garage & full basement. Lg. land area preferred in Center or East Moriches or Moriches. Should have complete kitchen; rest furnished or unfurnished. Ext. 2532.

#### CARPOOLS

PAYING RIDER - Wants ride from Chapel Ave., Brookhaven. 8:30 to 5.

DRIVER - Wanted from Babylon, West Islip Area. Planned activities include 5 min. discus-

sions on non-controversial subjects such as religion, politics, & foreign affairs followed by 45 min. of sleep. B. Rogers, Ext. 7782.

DRIVER - Wishes to join carpool from Port Jefferson area. S. Shutt, Ext. 7609.

PAYING RIDER - Wants ride from Chapel Ave. in Brookhaven. Ext. 2229 or AT 6-0761.

RIDER-DRIVER - Wanted from Nassau county or Eastern Queens via L.I.E., Vet. Hwy., Sunrise, & Floyd Pkwy. T. Rimler, Ext. 566.

RIDE - Needed from E. Patchogue, Bellport line. 8:30 to 5. Mac, Ext. 2914 or AT 6-3749 after 5:30.

RIDE - Wanted from W. Patchogue. Eventually form carpool when I get wheels. George, Ext. 7233 or 289-3283.

DRIVER - Wanted to complete existing carpool from Babylon area. G. Meinken, Ext. 2200.

#### LOST

SUN GLASSES - Double lenses, in case. For skiing. A. Czarnecki, Ext. 485.

#### FOUND

BASEBALL SPIKES - 1 pr. & glove at Field #2. Can be claimed at sign shop.

WRISTWATCH - Brown leather band, Record watch, made in Geneva. Found in Physics Library.

SPORTS JACKET - Man's blue jacket, found at All-Star Game.

**Recreation Office**