

BULLETIN BOARD

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Start-Up At Serpukhov No Threat To Western High Energy Research

Dr. Bernard P. Gregory, Director General of CERN, the European Organization for Nuclear Research, said last week that operation of the 76 GeV proton synchrotron at Serpukhov would not mean that Russia will dominate the field of high energy research.

"It will take a few years for the machine to come into full use," said Gregory, "and by then, Weston will be in operation, and hopefully, CERN's new 300 GeV machine will be in use a few years later. Of course, Russia will have a unique facility at the energies above the levels of the present machines, but she still has a long way to go to come up to the level of sophistication of the research in Europe and the United States."

Start-up At Serpukhov

According to Gregory, who witnessed the start-up at Serpukhov, the Russian machine is of good quality. The design is conservative, and the linac is excellent. On the night of the 13-14 of October, the proton beam was taken to 76 GeV without any correcting. Gregory felt that it will easily reach to 85 GeV. "With no pushing it was delivering 10^{11} protons per pulse."

The magnets at Serpukhov are large, having about twice the aperture of the

AGS. The machine is essentially the same as the AGS, except that it is about $2\frac{1}{2}$ times bigger. At present, there is one area for research at Serpukhov, in an enormous building. Agreement has been reached with Russia for France to build a bubble chamber at Serpukhov.

It has already been decided that CERN will get bubble chamber pictures and will



do electronic experiments on the large Serpukhov machine next summer.

300 GeV Project

According to Gregory, three nations, Austria, Belgium, and France, have already indicated their willingness to participate in the construction of a European 300 GeV accelerator. If favorable answers are received from 80% of the 13-member group, site selection could start before the end of this year.

Only 9 sites are under consideration. They are located in the United Kingdom, Sweden, Belgium, Germany, France, Italy, Spain, Austria, and Greece.

While there is some rivalry in the choice of a site, this has not been a major issue in the 13-member council. When questioned as to whether any one site was preferred, Gregory replied that "No single site meets



ideally all of the requirements. There will be lots of friendly competition, but the council will agree by vote on the consideration of the sites. The choice of a site is not expected to hold up construction in any way."

Visit to Brookhaven

While at Brookhaven last week, Gregory was the guest of Maurice Goldhaber, BNL's Director, and Rodney L. Cool, Associate Director for High Energy Physics. "CERN and Brookhaven have many common interests and I am sure that the co-operation we have had will continue and extend," said Gregory. "We are interested in the possibility of U.S. physicists participating in the CERN storage ring project. It is a good thing for each Laboratory to use equipment belonging to another Lab, for in this way a lot of unnecessary duplication can be avoided." Dr. Gregory last visited BNL about 18 months ago, and felt a need to renew many of his scientific and technical acquaintanceships.

At a special Physics Seminar, Dr. Gregory spoke to an audience of over 200 staff members. He described his experiences at Serpukhov, and detailed work that CERN is now doing on the intersecting storage ring project. After a discussion of the progress on the 300 GeV project, Dr. Goldhaber moderated a lively question and answer session on the three areas covered by Dr. Gregory's talk.



Pfc Richard Frasca Killed In Action

Pfc. Richard Frasca became the first employee of Brookhaven to be killed while serving in the armed services. Pfc. Frasca began his military leave in April 1967 and died February 21, 1968.

Pfc. Frasca, son of Joseph and Julia Frasca of Bellport, attended Seton Hall and Bellport High Schools, and graduated from Suffolk Community College in January of last year.

He is survived by his parents and his wife of two months. Pfc. Frasca was killed by mortar and rocket fire at an airstrip near Hue, South Vietnam.

Pfc. Frasca joined the BNL staff on April 30, 1962, and worked as a stores clerk in Supply and Materiel.



Evacuation Signals

Work is currently underway at the Reactors to adapt the fire alarm bells so that the intermittent ringing which signals "evacuation" can be initiated automatically. At the present time, this signal can be sounded manually by the Firemen in any firebell equipped building.

This standard signal was adopted recently to avoid the possible confusion which could result from having different signals in different buildings. This fire alarm bell standard, which can be found on Emergency Signal Placards posted throughout the site, as well as on the back cover of the Telephone Directory.

Continuous Ringing - A Warning. Check to insure that you are not in danger.

Intermittent Ringing - Evacuate the building immediately.

Military Specifications

Looking for a Mil Spec? Did you know the Research Library has an annual index of them? Call Ext. 2294 for information.

Graphics Displayed For BERA Art Show

"New Directions in Printmaking," will be the title of the exhibition of American printmakers sponsored by BERA.

The show, which will open on Tuesday evening, March 19 at 8 p.m., will feature 50 prints on loan from Associated American Artists. New techniques and innovations in the making of lithographs, etchings and woodcuts will be on display.

Starting Wednesday, March 20, the exhibit will be open daily from 11 a.m. to 5 p.m.

Glennan Nominated To Sohio Board Post

T. Keith Glennan, president of Associated Universities Inc., has been nominated as director of the Standard Oil Co. (Ohio).

Glennan has served twice before as a director of Sohio. Stockholders will vote on the election of board members at their annual meeting on April 29 in Cleveland.

Science News Editor To Give AUI Lecture

Daniel S. Greenberg, News Editor of *Science*, will give the Sixth AUI Distinguished Lecture on Tuesday, March 26 at the BNL Theater.

The crusading news editor of the weekly magazine of the American Association for the Advancement of Science, will talk on the subject of "Scientists and Politicians: A View from the Press Box." Greenberg is a contributor to many magazines, including the *Saturday Evening Post*, *Harper's*, the *New Republic*, the *Reporter*, the *Saturday Review*, and many others. He has lectured on science and government at many universities and published articles in many anthologies on the same subject.

The Establishment

In a recent issue of the *Saturday Review*, Greenberg spoke of studying the American scientific community in an effort to discover a scientific Establishment. There is no such establishment, says Greenberg, yet, Harvard, MIT, Cal Tech, and the University of California are its Oxbridge. MIT's Radiation Lab and Los Alamos are its Eton. The Cosmos Club in Washington is its Athenaeum, and the physicists are its aristocracy.

I.I. Rabi, Nobel Laureate, is the *eminence grise*, and *Science*, the weekly magazine of the American Association for the Advancement of Science, is the quasi-official journal. The National Science Foundation is the bank, and the late J. Robert Oppenheimer is the tragic hero.

About scientists, Greenberg quotes Leonard Haworth, director of the National Science Foundation, who stated:

"We (the scientists)...know the great cultural and intellectual value of science."



Daniel S. Greenberg

But we are not good salesmen....So for the present, our best drawing card for financial support by the public is the ultimate usefulness of science. I do not defend the fact that this is so; I simply state it as a fact."

Ticket Requests

Dr. George Cotzias, Chairman of the AUI Distinguished Lecturer Committee, said "We picked Greenberg to lecture because he is the only man in the world who is equally conversant in the politics of science and the science of politics. He knows what makes scientists tick, and also what makes politicians tick."

The Sixth AUI Distinguished Lecture will start at 8:30 p.m. in the Brookhaven Laboratory Theater, on Tuesday evening, March 26. Ticket request forms have been distributed to all employees, and tickets have already been requested in great numbers. Off-site friends, and families of employees are invited to attend with no admission charge.

Federal Tax Rules On Medical Revised

New methods of figuring deductions for medical and dental expenses have been instituted for medical insurance payments. The new rule as outlined below is more liberal than that previously in use.

Medical Care Insurance. - You can deduct an amount equal to one-half of the insurance premiums paid for medical care for yourself, your wife, and dependents. The maximum amount deductible is \$150. The other one-half, plus any excess over the \$150 limit, is deductible subject to the 3 percent limitation described in (3) below. The \$3 monthly payments for supplementary medical insurance under "Medicare" are deductible, but the hospital insurance tax which is included as part of the Social Security tax and withheld from wages or paid on self-employment income is not deductible. Long Term Disability premiums are not deductible.

Medicine and Drugs. - The total amount paid for medicine and drugs for yourself, your wife and your dependents must be reduced by 1 percent of line 9, page 1, Form 1040.

Medical and Dental Expenses. - You can deduct that portion of your medical and dental expenses which exceeds 3 percent of line 9, page 1, of Form 1040.

The 1 percent and 3 percent limitations apply in all cases, regardless of your age, or the age of your wife or other dependents.

On-Site Parking Problems Aired

People who work in New York City consider it lucky to get a parking space within several blocks of the subway. The same people, however, after changing jobs and coming to the Laboratory, soon find it intolerable if they can't park their cars within a few feet of the door to their office or shop.

Although parking facilities on site are large enough to hold many more cars than we have, it is this human quirk which produces our parking difficulties. Large parking lots on site are jammed at one end with cars blocking aisles and crosswalks while the far end of the lot is empty. Glaring examples of this occur at the AGS, Physics, Applied Math, and the Cafeteria.

That nice empty space seen next to a building, seemingly wasted, may be the area needed for the garbage truck, snow plow, or some delivery or emergency truck for turning around. If the driver is very careful and skillful, he may be able to squeeze by anyway. If he isn't, remember that half of the accidents on site occur when a truck backs into or scrapes a parked car.

That other nice empty space at the end of an aisle or at the corner of a parking lot may be the one that must be kept open to insure an adequate sight distance for moving vehicles. If it is blocked, a collision may be caused which could very well involve a parked car as well.

Employees at one building got in the habit of parking in a restricted area and "warming up" their cars in cold weather by letting them idle for five or ten minutes before quitting time. They were parked under an air intake for the building's ventilation system, which picked up exhaust fumes and pumped carbon monoxide into the building. Fortunately, this was stopped before anyone received any ill effects.

There are many other examples of this type of thing, all of which point out the need for the Laboratory's regulation, "Park in designated areas only." A parking regulation which might appear to be unfair has a real purpose behind it.

CERN Director Meets Press

3-12-68



Dr. Bernard P. Gregory (right) Director General of CERN, and Dr. Maurice Goldhaber (center) are questioned by members of the press during Gregory's recent visit to BNL. Photo by Rosen

Here and There

Dolores del Castillo

Andrew Hull (I & HP) gave a seminar February 29 at the Anthony J. Lanza Center of New York University at Sterling Forest. The seminar was entitled "Environmental Monitoring in the Vicinity of Air-Cooled Reactors."

Helen Connell (NED) visited the Ispra Site on February 16 and 17 to consult with Herbert Rief, author of the Computer Code TIMOC. Discussions were held on the listing of the code and its operation.

Harold H. Smith (Biology) participated in a meeting of the National Science Foundation Panel on Scientific Equipment held in Washington, February 29.

On February 29, Dr. Lewis K. Dahl (Medical) lectured at the American College of Physicians, Postgraduate Course on Hypertensive Cardiovascular Diseases held in Montreal, Canada.

The Scintillation and Semi-Conductor Counter Symposium was held in Washington February 28-March 1. W.A. Higginbotham served as Chairman of the Program Committee. Papers were presented by H.W. Kraner and R.L. Chase, J. Fischer and S. Shibata, and V. Radeka. R.L. Chase also chaired the session on Spectrometry and Circuits. D.G. Dimmler, S. Rankowitz and S. Wagner attended the meeting. (All of I & HP)

Leonard Victor, of the Long Island Daily Press, has been visiting at the Laboratory gathering material for a series in the Press on the scientific work being done at BNL.

Dr. E.P. Cronkite (Medical) participated in the Conference on Lymphocytes

sponsored by the French Society of Hematology held in Paris, February 17-25. He also made visits to the French Nuclear Center at Grenoble, the Freiburg im Breisgau and the University of Ulm in Germany, to hold discussions on the extracorporeal irradiation of blood.

Carl R. Thien (PR) recently returned from a visit to Los Alamos Scientific Laboratory where he attended the Laboratory's 25th Anniversary celebrations and the ground-breaking ceremonies for the new proton linear accelerator to be built there. He also held discussions with members of the staff concerning LASL's publications.

Virginia Sayre (DO) attended a meeting of the Nuclear Week Committee in New York on March 1. As a member of the Youths Awards Committee, she is helping to formulate plans for Nuclear Week's activities to be held in May.

Dr. Nina B. Pluss (Medical) will return to the Lab on March 11. She is presently attending a one-week session at the 11th Annual Institute for Physicians in Industry at Columbia University.

Lloyd E. Slater (AUI) will give a talk on New Research Opportunities Through Mini-Instruments in the Biology Department Library at 11 a.m. on March 13.

Morris Perlman (Chemistry) gave the 72nd Brookhaven Lecture on February 28. The title was "The Atomic Electrons and Nuclear Transitions: Some Interrelationships."

Richard Dodson (Chemistry) was appointed to the Transplutonium Program Committee of the AEC for a second three-year term.

Gerhart Friedlander (Chemistry) has been appointed to the Advisory Committee for the US Army Nuclear Defense Lab at Edgewood Arsenal, Maryland.

Science Youth Day Televised

2-407-68



Students from Suffolk County high schools who attended the recent Science Youth Day celebration at BNL were televised as they watched and heard speakers in the Chemistry Department. Robert Walton (left) mans the television camera as Douglas Humphrey (right) monitors the TV tape recorder during a lecture in the Chemistry Seminar room. Photo by Rosen

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NORBERT J. DERNBACH
Public Relations Officer

Letters To The Editor

To the Editor:

On Thursday, February 29, I received a Memo from Staff Services asking for BNL Telephone Directory changes.

We all know that the BNL mail room wishes to have, and is very grateful for, building numbers to appear on intralab mail. Yet at present there is no easy way to determine the building number from the Lab phone book. Oh, the building numbers are listed in sequence, but in order to find the name of the building to which the number applies, one has to run through almost three pages of numbers, a process which sometimes ends in failure.

Why couldn't the new directory have an alphabetical listing of buildings, with their location, phone and building number? Then if you have something to mail to Staff Services, you could reach for the handy new Lab phone book, run your finger down the alphabetized list until it stops at Staff Services Division and know instantly that this is Building No. 179!

Yours for an improved Lab Phone Directory,
Claire F. Hull

Dear Sir:

In support of a recent complaint concerning the quality and quantity of food being served at the Brookhaven cafeteria, I too would like to voice my complaint about the deplorable service. I have seen larger children's portions served elsewhere, as compared to the adult portions I have received at our cafeteria. One day last week, for instance, approximately one-fourth of a 65¢ pork chop was edible. The remaining three-fourths was fat and bone hidden under a thick layer of bread crumbs. The same day I went through no less than ten eating utensils before finding three that were not encrusted with dried food particles on them. It is no wonder that so many employees go off-site for lunch so that they can get a sufficient amount of palatable food to eat at a reasonable cost.

W. Kalinowski

Arrivals & Departures

Arrivals

Odelli Ozer.....Nuclear Eng.
Eugene B. MacGuire.....Accelerator

Departures

Patricia A. Mitlehner.....Accelerator
Boyd R. Borrill.....Instr. & H.P.
Wolfgang O. Schneider.....Instr. & H.P.
Nancy L. Canham.....Physics
Eunice M. Cranmer.....Physics
Marie Dunning.....Applied Math.
Leila G. Joiner.....Nuclear Eng.
Richard D. Baulch Jr.....Supply & Materiel

Quotable Quotes . . .

Warren Weaver in *Goals For Americans*:

Pure science is not technology, not gadgetry, not some mysterious cult, not a great mechanical monster. Science is an adventure of the human spirit; it is an essentially artistic enterprise, stimulated largely by curiosity, served largely by disciplined imagination, and based largely on faith in the reasonableness, order and beauty of the universe of which man is a part.

BERA Film Series

Thursday, March 14, 8:00 p.m. - Lecture Hall

La Strada

Directed by Federico Fellini, starring Giulietta Masina, Anthony Quinn, and Richard Basehart, this story of a simple-minded waif, a brutish strong man, and a philosophical "fool" who travel the highway in Italy is the story of every man's loneliness and search for the way of his life. Rarely has such poetry been transcribed to the screen with such effect. This is still Fellini's masterpiece, and a triumph for Masina and Quinn.

Short: Muscle Beach

A "relaxed" documentary which shows a satirical view of the exercise devotees at the famous California Beach. This is what some people do instead of surfing.

—Harvard Lyman

Men's Softball

The softball program has been organized to encourage maximum participation as well as spirited competition. "Slow-Pitch" softball is a game which lets every batter hit the ball and gives the fielders plenty of exercise.

The competition is balanced in several ways. The team rosters must meet certain departmental criteria, the teams are divided into leagues of equal ability, and the season is split in half which means slow-starting teams get a clean record in the second half and another chance to win the championship.

The season begins in early May with each team playing once a week and climaxes with the playoffs in late August. Amateur Softball Association Umpires are hired by BERA to officiate at the games. BERA supplies the necessary equipment, such as bats, balls and bases, and presents the victors with trophies.

The League assesses each team a few dollars per man for incidental expenses and special programs. One of the program's highlights is the annual Tri-League Game played on Softball Day, which is scheduled late in the season. Everybody is invited to this fun day which features refreshments galore.

All games are played on site at BERA's field area which boasts four beautiful full-size fields, picnic tables, grills and playground equipment for the youngsters. Most of our teams invite the families, and arrange to serve hot dogs and burgers as well as buckets of cold drinks.

Team applications may be picked up at the Recreation Office in March. If your group is not planning a team, you may enter your name in the Player's Pool.

Tickets Available

Personnel Services

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

Mincola Theatre - Now through March 17 Enzo Stuarti in "Kiss Me Kate"; March 19-31 June Havoc in "Black Comedy."

Wedgewood Dinner Theatre - February 14 through April 7 Tom Poston in "A Funny Thing Happened on the Way to the Forum."

BERA Special Features Al Hirt



It Only Hirts For A Little While . . .

. . . but you'll feel no pain on Sunday April 28th when Al Hirt, America's greatest trumpet showman, will appear at the BNL Theatre in BERA's biggest special event yet (Al weighs about 300 pounds).

The success story of this giant of a man and his giant talent is a recent one. Not so long ago he was a trumpeter among many trumpeters in New Orleans. But in a few short years he has risen to international stardom appealing to music lovers of all ages and all types - jazz lovers think he plays jazz, classical fans hear the effects of years of classical training.

The music critic of the prestigious New Orleans Times-Picayune once wrote: "Al Hirt may very well be the finest trumpet player in the world today, but just what

kind of trumpeter he is is not so easy to describe. Definitely not pure Dixieland, but better in many ways. Definitely not classical, though the training in this field shows. Definitely not jazz. Not precisely swing because swing is a thing of the past and Hirt is not."

A Pop Musician

Hirt himself was quoted in an interview in the New York Times recently as saying "I'm a pop commercial musician, and I've got a successful format," and that perhaps comes closest to a definitive description of his talent as is to be found anywhere.

Hirt is the winner of a grammy award for the Best Performance by an Instrumentalist for his gold record of Java. He has had four gold records in all (each sold over one million copies). His other awards include an Artist of the Year award from the Music Operators of America, a citation in two annual Billboard Disc Jockey Polls, two citations from Billboard's Campus Music Poll, and a Cashbox Disc Jockey Award.

Appearing with Al on April 28th will be Pee Wee and the Young Set. Tickets go on sale at the recreation office this Friday, March 8th from 9 a.m. to 1 p.m. The price is \$5.00 for employees and immediate family, and \$6.00 for guests. All seats are reserved, so get yours early - the earlier you buy, the closer you sit.

Remember the date - Sunday, April 28th - and we're sure Al Hirt will make it a date you will never forget.

Slo-Break Basketball

At the first game last Thursday night, the individual scoring record for the league was set as Oscar Thomas of the Stratums scored 32 points to lead his team to a 42-30 victory over the Dirty Sox.

Jim Humbert scored 10 points for the Dirty Sox. Medical remained undefeated in second-half play, upsetting the Highballs 43-29 behind Ed Gills 13-point effort. Bob McGonagle had 14 points for the Highballs.

The Old Timers crushed Physics 51-22. Larry Johnson scored 19 points for the Old Timers, and Pete Stillman 6 points for Physics. In the other game, the Rat Pack won by forfeit from the Knacks.

Associated League

	Won	Lost
Rat Pack	2	0
AMD	1	1
Old Timers	1	1
Knacks	0	2

Universities League

Medical	2	0
Stratums	1	1
Highballs	1	1
Dirty Sox	0	2
Biology	0	2

Photography . . .

The Camera Club offers all amateur photographers, from the novice to the professional, the chance to improve his mastery of the many aspects of photography. Club members observe the work of other members and professionals and learn of available equipment and the latest techniques in darkroom procedure.

A small annual membership fee entitles a member to complete use of darkroom facilities for both black-and-white and color film and print processing. The darkroom, which is located on the second floor of the Recreation Building on York Lane, is stocked with all chemicals and paper required for normal work, and the member is expected to pay (at reduced rates) only for what he uses.

Meetings held once a month in the Lounge of the Recreation Building, center around the following three types of programs:

(1) A Kodak or Ansco slide program or movie covering such topics as travel and scenics, film characteristics, picture-taking techniques (e.g. - flower photography, color photography after dark, critiques on prize winning slides).

(2) A speaker on such topics as portraiture, color processing techniques (and demonstration), general slide improvement techniques.

(3) Assignments - members are requested to bring slides on a particular subject such as snow scenes, portraiture, cityscapes, fall foliage, etc. Assignments will be known well in advance and may sometimes follow a lecture on the particular subject matter.

Join now and enter your work in the print exhibits and inter-club slide competition. To get on the Camera Club mailing list or for more information, contact the Recreation Office.

Tickets Available

Met Baseball Tickets - On sale now at the Recreation Office.

Discount Exchange Tickets will be available at the Recreation Office for the following events:

Island Garden Boat Show - March 9-17.

Roosevelt Raceway Home Furnishings and Garden Show - March 9-17.

New York International Sport, Camping, Vacation, and Travel Show - New York Coliseum - March 2-10.

There will be no boat show at Roosevelt Raceway this year.

Amateur Radio Club Message

#1-R-(81) WB2BDJ - Upton, NY
March 1, 1968

To - All Club Members and Friends

It is our pleasure to announce that Dick Willborg K2HLA will be the speaker at the next monthly meeting. The subject he will talk on is "Meteor Scatter on two meters." Dick will bring along a tape recording which will give the actual sound of what the Ping Jockey hears.

Dick has worked in the UHF bands and he will discuss what is happening up there.

The date is March 14, 1968 at 2000 hours in the recreation building. Refreshments will follow.

Harold WBZYNK

Classified Advertisements

Autos & Auto Supplies

61 MERCURY - Meteor 800, 8 cyl, 2 dr hdtip, ps, auto trans, clean in & out. \$295. V. Abbruscato, Ext. 481, 744-8388.

67 CHEVELLE - Malibu station wagon, V-8, ps/pb, radio, snow tires. Ray, Ext. 2962.

66 DODGE - Dart, 2 dr, 6 cyl, auto trans, 36,000 mi, new tires in fall, extra wheels, excel cond. \$1450. Ext. 7143, AT1-8390 after 6 p.m.

59 FORD - Fairlane, 4 dr, good cond, reliable, avail March 29. \$150 or best offer. Ext. 2775 after 7 p.m.

62 MERCEDES BENZ - 190, 4 dr sedan, good cond. Must sell to settle estate, \$1000. Goland. AT6-2265.

66 OLDSMOBILE - Cutlass, all white, ps, r/h, very clean, 17,000 mi. \$1700. GR5-6116.

65 GMC PICKUP - 3/4 ton, 8' bed, 4 spd trans, good tires. G. Penny, Ext. 2511.

ENGINE - 426 Ramcharger 500 hp, completely reworked, brand new Doug headers. AT6-9197 after 5 p.m.

60 MERCURY - Comet, std trans, good motor. \$190. A. Carlucci, Ext. 2255.

66 DAF-AMERICAN - 28,000 mi, get over 30 mpg, 2 new snow tires. Ext. 2359.

67 FIREBIRD - Conv, 326 cu in, 4 spd trans, 8,500 mi. \$2600. Darlene, 734-5863.

61 VW - Sun roof, good cond. Vineyard, Ext. 414, AT6-0269.

61 CHEVROLET - Station wagon, 4 dr, ps, auto trans. Best offer over \$200. Ext. 351, AT6-9385.

60 DODGE - 4 dr, auto trans, r/h, ps, new tires, good running except trans needs work. \$125. Ext. 7474, GR5-5810.

60 CHEVROLET STATION WAGON - 4 r, 6 cyl, std shift, good tires & new snow tires, good cond. \$330. R. Smith, Ext. 7667.

62 DAYTONA CONV - Like new, gleaming red w/ white top, excel throughout incl tires. \$600. L. Baker, Ext. 591.

66 PONTIAC LEMANS - 2 dr hdtip, ps, auto, bucket seats, vinyl top, ohc 6 cyl. \$1875. 234-0884.

63 TEMPEST LEMANS CONV - Ps/pb, pwr top, auto trans, new tires, good cond. \$550. George, Ext. 2419.

61 VW SUNROOF - Very good rubber, economical trans. \$400. O. Medeck, Ext. 316, 363-6439.

67 MUSTANG GT FASTBACK - 289 V8, ps/pb, wide ovals, mag wheels, hd suspension. \$2295. JU5-7510.

62 BONNEVILLE CONV - 348 hp, 4 spd, posi rear, tri power, alum wheels, ps, pwr windows, many options, all factory. \$850. Bob, Ext. 7769, 298-4112.

66 CORONET - Hdtip, ctr console, ps, extras, little more than 1 yr old, 18,000 mi, very good cond. \$2060 Ext. 7618.

62 MERCURY MONTEREY - Custom 4 dr, 8 cyl, r/h, excel cond inside & out, A-1 running cond. \$595. 281-6732.

56 CHEVROLET - Needs paint. \$100 firm. GR5-3156 after 6 p.m.

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

62 CHEVROLET BISCAYNE - 2 dr, std trans, 6 cyl, snow tires. \$450. Jim, HR3-0288.

59 HILLMAN MINX - 4 dr sedan. \$300. Woodwell, AT6-0798.

66 DODGE - Ps/pb, auto, V8, call up & lets talk. Earl, Ext. 7356.

Boats & Marine Supplies

5 HP JOHNSON - New in '65, used only 3 tanks of gas since then. Spinrad, Ext. 2533.

15' LONE STAR - 3 yrs old, navy top, 35 hp Johnson plus trailer, all very good cond. \$600. Ext. 577.

27' CHRIS CRAFT SEDAN CRUISER - '64 Chrysler engine, sleeps 4, head & galley. \$1500. 325-0602.

17' SAILSTAR DAYSAILER - Fiberglass hull, Ratsey dacrons, al spars, ss rigging, self bailing, perfect cond. \$1200. Bigeleisen, Ext. 678, 472-0215.

WINDMILL 15' SAILBOAT - Fiberglassed, hand rubbed epoxy finish, trailer, complete w/all fittings. \$700. Bigeleisen, Ext. 678, 472-0215.

NOMAD 21' FIBERGLASS SLOOP - 11'-4 1/2' draft, sleeps 4, head, genoa, RDF, compass, lights, etc, 5 1/2 hp outboard, trailer. \$3500. AT6-2272.

1960 GLASSPAR & 75 HP JOHNSON - Tech, compass, speedometer, new canvass & vinyl seats, many extras. \$875. R. Smith, Ext. 7667, GR5-8297.

18' COMMODORE SEA SKIFF - W/75 hp Evinrude, navy top, side curtains, many extras. \$800. Bill, Ext. 2580.

Miscellaneous

GOLF CLUBS - 7 matched Bobby Jones irons, 3 matched Sarazen woods, 1 yr old, bag & cart, all for a reasonable price. Ext. 7201.

US CACHET FDC - Mint stamps, plate blocks, FD of Flight covers, more. Glenn, GR5-1997.

BOYS HOCKEY SKATES - Made in Canada, size 7, used once, excel quality, sacrifice. \$4. E.E. Shelton, Ext. 543.

LOGS - Fireplace, seasoned oak, while supply lasts. 20/\$1. YA4-3236.

HAMS-EXTALS - 454, 455, 2045, 25000 3747, 5545, 6000, 6500, 6675, 6950, 7050 and 7100 kc. \$.50 ea, also 100 kc, \$3. Sanders, Ext. 7465.

AKC COLLIES - Smooths & roughs, sables & tri-color, also white stud. Reasonable. Nancy, Ext. 2114, 878-2659 eves.

RCA 25" COLOR TV - Call up & let's talk. Earl, Ext. 7356.

SEARS GAS CLOTHES DRYER - Soft heat, coppertone, used less than 1 yr. Cost \$210, sell for \$125. M. Goldberg, Ext. 7674, 473-9354 eves.

TWIN BED - Incl box spring, mattress, maple headboard, 2 yrs old. \$40. M. Goldberg, Ext. 7674, 473-9354 eves.

GIRLS BIKE - Sm 2 wheeler, excel for beginner, training wheels incl. \$8. M. Goldberg, Ext. 7674, 473-9354 eves.

8 MM PROJECTOR - Richmond mfg, like new cond. \$15. M. Goldberg, Ext. 7674, 473-9354 eves.

ELEC GUITAR - Almost new, hollow-body, double pickup, w/case. \$75. Bob, Ext. 2821.

COOL THOUGHT THIS SUMMER - \$100 takes almost new air conditioner, Wards Signature, Model LAA, 5800 BTU/hr, orig price. \$144.95. J. Bateman, Ext. 2898.

DINETTE SET - Table & 5 chairs, lt gray formica top. \$35. Bob, Ext. 2821.

SALT & PEPPER SHAKER COLLECTION - About 150 sets from countries, states, & novelties. GR5-4807.

MOTOROLA 21" TV - Console model w/swivel base, good cond. Take it away for \$50. J. Cross, Ext. 585.

FURNITURE - Tables, lamps, chairs, benches, kitchen equipment, etc, etc, leaving March 6. Spinrad, AT6-8644.

DRAFTSMAN - Post drawing instruments, lg set, like new. Orig cost \$30, make an offer. Sanders, Ext. 7465.

MENS HOCKEY SKATES - Size 8 1/2. \$4. GR5-4729.

HI-FI EQUIPMENT - 30 watt stereo amplifier, very good cond, FM-AM tuner & lg speaker system. Ext. 7300, AT6-3662.

COLONIAL SOFA BED - Slightly worn on edge, used as bed 4 times, good for den or recreation rm. Reasonable. Olsen, 286-0376.

30" GAS KITCHEN STOVE - Wide oven, used 1 yr, immaculate. \$65. Ray, Ext. 2962, 286-8269.

TEST GEAR - Suitable for FM, AM & TV, also a few notes & schematics. What do you need? J. Hallock, Ext. 2480.

GUILD GUITAR - W/carrying case, steel strings, excel cond & tune. \$125. 286-1218.

GUITAR AMPEG AMP - Reverb & echo chamber, like new, 2 inputs. \$135. H. Lobe, Ext. 2969.

GUITAR - Gretsch Anniversary Model, single pickup, like new, w/case. \$125. H. Lobe, Ext. 2969.

GOLF CLUBS - Spalding irons (2-3-5-7-9), pitching wedge, putter, Wilson woods (1 & 3), excel cond. \$30. Korhut, Ext. 2412.

CEMENT MIXER - 1 bag capacity, has gas eng, lg size tires, trailer hitch for towing, good mech cond. \$200. Walt, Ext. 2457, AT6-0246.

ST BERNARD PUPPIES - Champion bloodline. 277-2019.

FIREPLACE WOOD - 1/2 cord, \$25; full cord, \$40; all split 1/2 cord, \$30; all split full cord, \$50. 325-0567, 727-0271.

SCANDINAVIAN SOFA - & 2 maching arm chairs, olive green, like new, Canadian made. L. Oleksiuk, Ext. 2498.

BABY EQUIP - Car bed, carriage, hamper, playpen, sterilizer w/bottles, nip-nap infant seat, walker, tub, booster chair, car harness. Steve, Ext. 2801.

BATHROOM TILES - Ceramic, pink w/blue trim, enough for a sm bathrm. \$5. Ext. 7618.

CAMERA EQUIP - Crown 8mm turret (3) lens camera, Mansfield 8mm projector, both in excel cond, going into super 8mm. Both for \$47. Ernie, Ext. 2934.

AUTOMATIC ELEC STOVE - 30", GE, w/clock, 10 yrs old, very good cond. \$60. Ralph, Ext. 481.

STEREO - Exceptional system for enthusiast, AR-DYNA-JZ fully matched, no distortion, must hear. Ext. 2888.

ROOLS RAZOR - \$2. Torre, Ext. 423.

HALF-SIAMESE KITTENS - For adoption to good homes, all shots, excel temp. M. Tainiter, Ext. 2728.

REFRIGERATOR - Hotpoint, 12 cu ft, w/top freezer, about 10 yrs old. \$50. Ext. 7618, AT6-1358 after 6 p.m.

Houses

OLD FIELD SOUTH-SETAUKET - 9 rm house, tall trees, laurel, landscaped, 5 bedrms, 2 compl baths, 2 car garage, patio, flagstone approx 60'x40', many extras, avail June '68, no broker. \$43,500. Ext. 7748.

BROOKHAVEN VILLAGE - Spacious waterfront colonial, bulkheated priv dock, 8 rms, lg dbl garage. \$30,000. AT6-0322.

PT JEFF STATION - 4 bedrm hi-ranch on 1/2 wooded acre, liv rm, din rm, panelled kitchen & den, 20' dining deck, laundry rm, dble garage, 2 baths, s/s, w/w carpet. \$20,500. HR3-9180.

SAYVILLE - 7 rm, 3 bedrm ranch, rec rm w/fireplace, s/s, full basement, attached garage, .3 acre, treed corner lot. \$18,500. LT9-6752.

BROOKHAVEN VILLAGE - 3 bedrm, liv rm, din rm, fam rm, w/fireplace, garage, 1 1/2 baths, landscaped 1/2 acre. 286-1218.

BROOKHAVEN VILLAGE - 4 bedrm ranch, liv rm, din rm, porch, 1 1/2 baths, dble garage, 1 1/2 acres, fully landscaped, 150' frontage. \$31,000. AT6-1358.

MILLER PLACE - Historic restored 200 yr old cape, 5 bedrms, 2 baths, 3 fireplaces, 2 car garage, terraced, fenced 3/4 acre. Asking \$45,000. Joan, Ext. 574, HR3-6958 after 6 p.m.

YAPHANK - 3 bedrm ranch, fam rm, basement, baseboard oil heat, 1 1/2 garage, fenced, wooded 1/2 acre. \$16,000. 924-3062.

For Rent

TO SUBLET - 2 bedrm apt, 98 Maple Ave, Patchogue, convenient to shopping, all new kitchen appliances, heated garage incl, avail April 1. \$160/mo. Ext. 2797, 475-0269.

LG HOUSE - Bellport, 2 blocks from shops or bay, July & Aug only. AT6-1068.

2 BEDRM APT - Heatherwood, Pt. Jeff Station, close to shopping, pool, avail April 15. Cutler, HR3-3160.

1 BEDRM APT - Furnished, Center Moriches, liv rm, bath, kitchen. Ext. 2849.

4 BEDRM HOUSE - 1 1/2 baths, wash machine & dryer. \$150/mo. AT6-8517 after 6 p.m.

PVT STUDIO APT - Bath, kitchenette, all util, 5 min from lab, close to shopping, suitable for 1 or 2. 281-5413.

Wanted

OUTBOARD MOTOR LOWER GEAR UNIT - W/forward-neutral-reverse from sm motor, under \$5. G. Hrabak, Ext. 2713.

TO RENT FURNISHED HOUSE OR APT - Near Lab (30 min), 2 bedrms. Tippe, Ext. 7715.

POSTAGE SAMPs - Of the entire world, for high school stamp club. Karen, Ext. 2808.

TO RENT HOUSE - Unfurnished, 4 bedrm, Pt Jeff area, start July or Aug, for 1 yr min, cond unimportant. Metzner, Ext. 2341, 924-8577 after 7 p.m.

GARAGE, SHED, OR ROOM W/KEY - Secure, wanted to rent for storage through Aug. Metzner, Ext. 2341, 924-8577 after 7 p.m.

HOMES - For two 8 wk old siamese kittens. Ext. 7716.

HOUSE IN SHOREHAM FOR 1 WK - End of June or end of Aug, good care taken, professional fam, will negotiate on rent. N. Walter, 744-8473 eves.

FILE CABINET - 2 drawer or 4 drawer, reasonably priced. Rich, Ext. 2735, 757-7467.

ROOMMATE - W/apt to share, Lab vicinity. Karen, Ext. 2808.

SHIP TO SHORE RADIO - Lou, Ext. 2712.

HOME - For lovable, 1 yr old male mini-dachshund, loves children. Joan, Ext. 574, HR3-6958 after 6 p.m.

Carpools

DRIVER WANTED - To complete existing 3-member carpool from Riverhead. Pat, Ext. 791.

JOIN OR FORM CARPOOL - From Pt. Jeff. Dick, Ext. 2108, 2305.

Lost & Found

LOST - Gold ladies bracelet in front of Apt 26B on Fri, Feb 23, has sentimental value. Ext. 2851.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following Thursday.

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

or printed on the form provided, and must bear the employees signature.

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Firearms offered for sale or trade may not be brought on site.

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

(Name & Phone No. To Call)

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

Employee's Signature..... Life No..... Ext.....
Send to: BULLETIN BOARD, 40 Brookhaven Avenue