

# BULLETIN BOARD

Volume 21, Number 2

Published by the BNL Public Information Office

January 12, 1967

## BERA Film Series

Thursday, January 19, at 8:30 p.m.  
Lecture Hall

### Stanley Kubrick's 'Paths of Glory'

At a time when many films are sentimentalizing and even glorifying the slaughter of World War I, Stanley Kubrick's "Paths of Glory," starring Kirk Douglas, Ralph Meeker and Adolphe Menjou, explodes with a barrage of realism on the motion picture screen. The director (well-known for his "Dr. Stangelove") is brutally earnest in this story about a French army caught between murderous German gunfire and the sadistic ambitions of its commanding general. Following an unsuccessful attack, the army is disgraced and three soldiers, picked at random, are tried for cowardice as scapegoats for official blundering. The film's impact is underscored by the fact that it was banned in France for its brutal honesty. Seldom has the miserable life in the trenches or the senseless loss of life during futile charges through barbed wire and withering fire been more graphically depicted.

This is unquestionably one of the finest and most gripping films of its type ever made. Harvard Lyman

## Free Boating Classes

Peconic Bay Power Squadron announces free classes in Elementary Piloting, to be given at the Greenbrier Inn, next to the Wading River Post Office, starting Tuesday, January 24, at 7:30 p.m. The course will last fourteen weeks, and is free to the public, men and women, from age sixteen up.

Classes in Seamanship will be given at Riverhead and East Hampton High Schools, starting on the same date and time, and a class in Engine Maintenance will begin on Wednesday, January 25, at 7:30 p.m. in Riverhead. These classes are limited to members of the United States Power Squadrons and USPS Women Certificate holders.

For information about the courses, telephone Paul Kallmeyer at PA 7-2661 or Ext. 2822.

## Editorial Advisory Board

An editorial advisory board has been established to advise and assist in developing policy regarding our newspaper. The board consists of six members, representative of the Laboratory employees. Members are appointed by BNL's Deputy Director to serve for periods of two years, with the terms of three members expiring on December 31 each year. The board itself annually elects a president and a secretary. Meetings are held at least six times each year, with regular sessions every other month beginning in February.

For 1967, Editorial Advisory Board members are as follows:

R.C. Anderson.....	Director's Office
J.P. Binnington.....	Information
W. J. Catacosinos.....	Director's Office
E. J. Cronkite.....	Medical
J. J. Grisoli.....	Accelerator
J.S. Washburne.....	Personnel

Mr. Washburne is this year's president and Mr. Binnington is secretary.

Any member of the board may be contacted by BNL employees who have comments or recommendations about the *Bulletin Board*.

## New Location For Safety Glasses Issue

Beginning Monday, January 16, the Laboratory optician moves from T-100 to quarters in the basement of Building 535, Instrumentation and Health Physics. The new location, in the southeast corner of the basement, may be reached by parking at the rear of Building 535, just south of Building 480, and using the outside basement stairway. A sign on Building 535 locates the stairway.

The new area, called the Personal Protective Equipment room, will eventually be used for the issue of both safety glasses and safety shoes. Hours for the optician will remain the same: Monday 8:30 a.m.-12 noon, and Thursday, 1:00-4:30 p.m. Until further notice, safety shoes will continue to be issued from T-100.

## Adult Education Brochures

The Office of Scientific Personnel has a supply of brochures for the Patchogue-Medford Public Schools Adult Education Program 1967 Spring Session. You may obtain a copy by calling Ext. 493 or stopping by in person.

## BNL Movie Shown Next Week



See story on page two

## New Withholding Allowances Available This Year

Beginning this year, certain employees who have been receiving large tax refunds may be entitled to claim "withholding allowances" in addition to their regular withholding exemptions. Withholding allowances may be claimed by those employees who have a large amount of itemized deductions on their 1966 income tax return and anticipate a large amount of deductions in 1967.

Each of these withholding allowances has the same effect on withholding from wages and salaries as a claimed withholding exemption. They bear the same weight as a dependent and hence, reduce the amount withheld from each paycheck.

Application for withholding allowances may not be made until after your 1966 income tax return has been filed. A special form, Schedule A (Form W-4) may be used in determining the number of withholding allowances you can elect.

Those electing withholding allowances must file a revised Form W-4 with the Payroll Section as soon as they have filed their 1966 income tax return.

Schedule A forms may be obtained by contacting Evelyn Blanck in the Payroll Section, extension 2342.

**If there is no change in the number of exemptions claimed, it will not be necessary to file a new W-4 form.**

## Near-Record Fallout Observed at BNL

On December 28, the Atomic Energy Commission made the following announcement: "The U.S. detected another Chinese Communist nuclear test in the atmosphere at their test site near Lop Nor on December 28 Chinese time (December 27 U.S. time). The yield was a few hundred kilotons."

Following the fifth announced Chinese test, near-record amounts of radioactivity in daily precipitation samples have been detected during this past week by the BNL Health Physics Division. The gross-beta activity in the January 5 collection was 113 nanocuries per square meter (one nanocurie is equal to 2,200 disintegrations per minute), and that on January 6 contained 134 nanocuries per square meter. Previous precipitation collections shortly after the Chinese tests have averaged about 20 nanocuries. The largest single day collection at BNL, 171 nanocuries per square meter, was made on September 22, 1954, and an identical amount was present in the September 7-9, 1958 weekend sample.

External radiation monitoring devices on and off the Lab site indicated that an increase in background from 1.8 milliroentgens per week to 2.8 milliroentgens occurred on the morning of January 5. This can be correlated with a few hundredths of an inch of rain which fell at that time. Since the amount of precipitation

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## *The Brookhaven Spectrum debuts . . . .*

"The Brookhaven Spectrum," a documentary motion picture surveying many of the varied aspects of research at the Laboratory, is now completed. The 16-mm. color film, twenty-five minutes long, is intended for general audiences. BNL scientists and technicians are shown conducting experiments in a broad spectrum of disciplines, including biology, chemistry, mathematics, medicine, physics, and nuclear engineering. Such major facilities as the Graphite Reactor, the HFBR, and the AGS are seen in their capacity as research tools in studies on the fundamental structure of matter and the forces within the nucleus.



Before "The Brookhaven Spectrum" is released for the general public, the Laboratory would like to provide all employees with an opportunity to see the film. Numerous showings have been scheduled in order to make it convenient for everyone interested to attend, subject to their supervisor's approval and their work load. The showings, to be held in the Lecture Hall, 36 Brookhaven Avenue, will be as follows:

**Thursday, January 19, 11:30 a.m.; 1:30 and 5:15 p.m.**

**Friday, January 20, 11:30 a.m. and 1:30 p.m.**

**Mondays, Wednesdays, and Fridays through February 3, 1967: 11:30 a.m. and 1:30 p.m.**



**From The Postmaster:**

Use of ZIP Code will make it easier to mail packages after January 15, Postmaster Steve Garrett of the Upton U.S. post office said today. He pointed out that new rates and a new system for identifying parcel post zones will go into effect on that date as provided in legislation signed into law by President Johnson on September 20, 1966.

The rate increases will average about 10 cents a parcel, Mr. Garrett said. Starting July 1, the law provides for a series of size and weight increases on packages mailed between first-class offices. Upton is a first-class office. The size and weight increases will be in five annual steps, the last coming on July 1, 1971.

Use of ZIP Code in the recipient's address will enable the sender or a mail clerk to quickly determine the proper zone, and thus the rate, for the package. The zones will be based on the distance a parcel travels between the 552 sectional centers in the country.

By consulting a simple chart, which is available at all post offices, the zone can be readily identified because the first three numbers of the ZIP Code represent the sectional center. This replaces a method in which a directory often had to be consulted to locate the proper zone for each of the nation's 33,000 post offices.

The new rates will range from 40 cents for a three-pound parcel destined for local delivery, to 60 cents for the same parcel to zone 3 (150 to 300 miles) to \$1.05 to zone 8 (over 1,800 miles). The new zoning method will also apply to air parcel post, catalogs and to publishers who pay zone rates on the advertising portion of their periodicals.

Mr. Garrett noted that all parcels mailed between post offices within the Riverhead sectional center will be charged at the first zone rate. There are forty-five post offices within the Riverhead sectional center.

The new rates are expected to provide an additional \$74 million a year for the Post Office Department. The later size and weight increases will add another \$32 million a year. The additional revenue will help to keep the Department within 4 percent of costs on parcel post, as the law requires.

**Theatre "Special"**

January 16 is the deadline for "Wait a Minim!". Procrastinate no longer - make that check out to the Golden Theatre, deliver it to the Recreation Office by January 16, then prepare yourself for an enjoyable evening on January 26. Orchestra seats \$6.50; Mezzanine seats \$6.00.

**BNL Rifle Club**

Continuing their two year string of 16 consecutive victories, an undermanned BNL rifle team defeated Sperry, always a formidable foe, by a score of 731-717. Disadvantaged by the absence of two of their master marksmen, the BNL team nevertheless compiled a relatively high score to continue their L.I. Industrial League leadership. Pete Fallon turned in a sterling performance by firing a 188 out of a possible 200. Backing him up were Tony Finocchio with 177, John Jacobs with 182, and Al Lukas with 184.

The victory over Sperry was followed up by an easy 723-595 win over the Kollsmann Instrument team. In this match, newcomer Jack Walker broke into the scoring column by outpointing Tony Finocchio, who has been having ten-ring troubles lately. This win maintains BNL in first place with a record of 4 wins and no losses.

**Volleyball League**

Form continued to hold up as each of the top four teams swept six games against the four tail-enders over the holidays. In upcoming action, the Spikers will face each of the top challengers, Chamber Chaps, Atom Spikers and 80 Inchers, in the final three weeks of the first half. Also on tap will be a contest during the last week between the Atom Spikers and the Chamber Chaps.

**Standings**

	W	L
Spikers	12	0
Atom Spikers	11	1
80 Inchers	10	2
Chamber Chaps	9	3
Barbaryons	3	9
Topless Terrors	3	9
Scottsman	0	12
Bubble Boys	0	12

The Bubble Boys will forfeit their remaining first half games.

**Arrivals & Departures**

**Arrivals**

Kenneth T. Olsen	Accelerator
William D. Reuter	Accelerator
Alfred J. Rehwinkel	Applied Math.
James J. Phelan	Biology
Ronald W. Burgess	Mech. Eng.
Monty J. Montjar	Medical
Christina A. Williams	Physics

**Departures**

Edwin S. Krzeminski	Accelerator
Dorothy M. McFayden	Biology
Daeg S. Brenner	Chemistry
Joanne Haire	Information
Tadashi Kijuchi	Physics

**Deceased**

John Booker, employed in Central Shops Division since September 26, 1955, died on January 5, 1967.

**Movie Tonight**

"Gate of Hell," plus a short, "Private Life of the Gannets," will be shown tonight at 8:30 in the Lecture Hall.

**Cafeteria Menu**

**Week Ending January 20**

Monday, January 16	
Lima Bean and Bacon Soup	.15
Breaded Veal Cutlet/Tomato Sauce	.65
Browned Beef Stew	.65
Mushroom Omelette	.55
Tuesday, January 17	
Chicken Noodle	.15
Baked Macaroni/Ham	.60
Swedish Meat Balls	.65
Sauerbraten/Au jus	.65
Wednesday, January 18	
Fresh Vegetable Soup	.15
Chopped Steak/Smothered Onions	.65
Baked Lasagne/Meat Sauce	.65
Pork Chow Mein	.65
Thursday, January 19	
Split Pea Soup	.15
Baked Swiss Steak/Country Gravy	.65
Chicken a la King over Rice	.65
Spanish Omelette	.55
Friday, January 20	
Clam Chowder	.15
Baked Chicken/Dressing	.65
Fried Filet of Flounder	.65
Seafood Newburg over Rice	.65

**Fallout (con't)**

was so small, the activity remained on the surface of the ground. According to Environmental Monitoring Supervisor Andrew Hull, when low levels of contamination were subsequently detected in routine checks of radioactive "clean" areas, it caused some concern among our Area Health Physicists. This was relieved, however, when he reported his findings that the activity was being tracked in from outside.

Gamma ray analysis of samples by the Environmental Monitoring Group indicates the presence of characteristic fission products from recent nuclear explosions, such as tellurium-132, 8-day iodine-131, and 12-day barium-140. The effective half-life of a mixture of isotopes in weapons debris is about equal to the time since detonation, so that it is anticipated that levels will decline quite rapidly during the next few weeks.

Hull indicated that although these increases look dramatic on the sensitive instruments used here at Brookhaven for monitoring environmental radioactivity, the presently observed radiation levels are small with regard to those which would be of public health concern.

**Cooking Exchange Club**

The Cooking Exchange Group will meet on Thursday, January 19, from 3 to 5 p.m. at the Recreation Building in the apartment area. There will be a small charge of 50 cents per person.

**Theatre Group**

**Lighting Workshop**

The next meeting of the BNL Theatre Group will be held at 8:30 p.m. on Wednesday, January 25, at the Theatre. The program for the evening will consist of a lecture on theatre and stage lighting by Ed Sayre. Members are urged to attend; newcomers are invited. Refreshments will be served.

**Hospitality News**

A Hospitality Committee "Coffee" meeting will be held on Monday, January 30, from 10:30 a.m. until 12 noon. Please come and meet your friends from off-site. Let's see some area chairmen!

Location: Watch for sign on Yale Road in the apartment area on Monday morning.

**BNL Mountain Club**

The newly formed BNL Mountain Club will meet tonight, January 12, to complete the by-laws, set up committees, discuss what equipment to get, and plan trips. The meeting will be held at 8:00 p.m. in the lounge of the Recreation Building in the apartment area. All interested persons are welcome.

**Ladies Exercise Class**

At the first exercise session on January 5, it was decided to hold future classes on Wednesdays at 5:15 p.m. in the Recreation Building. Not for the purpose of losing weight, the exercises are designed to tone the muscle. Come to the class next Wednesday, and you'll begin to feel muscles you never knew you had, while fatigue and tension will become things of the past!

**Classified Advertisements**

**Autos, Auto Supplies**

61 FALCON - Std trans, no rust, average mileage, excel operating cond, good rubber, 2 dr, white. Bill, Ext. 2543.

58 CADILLAC - Hardtop, very good cond, new tires, ps/pb, power windows. J. Capute, Ext. 2407, AT9-2134.

60 MGA - White, wire wheels, snow tires. \$550. R. Gwathney, Ext. 2212.

61 FORD FALCON - 4 dr, std trans, new muffler, new battery, very good cond. \$375. W. Crockett, Ext. 7226.

55 FORD THUNDERBIRD - 8 cyl, 3 speed, good cond. Ken, Ext. 7139.

FOUR 820/15 RECAPS - Mounted on Buick rims, Chevrolet slug centers, rims are true. Like new. J. Capute, Ext. 2407, AT9-2134.

48 CHRYSLER WINDSOR - 6 cyl, one owner, very good cond. \$125. Ext. 2536.

59 VOLKSWAGEN - W/62 engine, 4 tires including snow tread. \$395. M. Caunter, Ext. 7376, 751-0926.

58 CADILLAC - 4 dr sedan. \$200 or best offer. Ext. 7624.

56 CHEVROLET - 4 dr sedan, 8 cyl, std, 4 new tires, new battery, very good cond. \$150. F. Block, Ext. 572, AT6-8724.

64 TRIUMPH - Spitfire, r/h, w/w tires, new battery. \$1095. YA4-5145.

