



OPERATIONS CENTER MONITORS LAB ACTIVITY



...Jim Liebau (L), Operations Coordinator, assists Jim Prentice, University/Toronto experimenter...



...Warren Light posts information on schedule board in new Operations Center...

The Operations Center, focusing all Fermilab accelerator and experimental activity into one reporting location, is now located in the east wing of the Atrium floor of the Central Laboratory. Screen displays, schedules, and numerous reporting devices aid the efforts of the Operations Center's staff to coordinate activities and keep current information available 24 hours a day on the status of the Laboratory research program.

Two years ago it was apparent that the large sprawling complexes of the Laboratory's experimental areas would require special communications techniques. Visiting experimenters, Fermilab staff members, and service people all need a central point where they can find with certainty what is going on at any given moment. Experimenters also need a coordination center where adjustments and re-arrangements of experimental running conditions can be accomplished. All of this, and more, is available to them at the Operations Center.

Closed circuit T.V. monitors of experimental area status above the Operations Desk in the Operations Center carry up to 26 channels for each area. The Operations Coordinator from this point tells an inquiring experimenter what is happening in his area, perhaps a mile or more away. At the same time, the Coordinator is monitoring particular conditions required by the experimental schedule. An inter-com connection is maintained with the Accelerator Main Control Room in the Cross Gallery. Between the Operations Center and the Main Control Room most of the required accelerator system adjustments can be arranged.

The Operations Center's responsibilities also include the preparation and distribution of the Weekly Operations Schedule throughout the Laboratory each Tuesday following the Experimental Planning Meeting. This schedule with modifications for the upcoming 24-36 hours are announced on Channel 12 throughout the Laboratory's closed circuit system. The running status of the experimental areas appears on a split screen with the accelerator status on Channel 13.

In another facet of electronic reporting, beam intensity monitors on the beam lines feed information into a camac counter system in the Operations Center. Detailed records

OPERATIONS CENTER (Continued)

are compiled here on the utilization of the accelerator by experiments. After comparing with experimenters' reports, the Monthly Report of the Research Division is compiled and published in NALREP.

There are rumors that Halsey Allen, head of the Operations Center, is ordering a pot bellied stove, cracker barrel, and some straight back chairs for the new center. This would confirm his intention to make the center an interesting, informative stopping place for everyone. More equipment and other techniques will be added to the Operations Center in the coming months to improve the service and information it intends to offer. Allen states, "We hope that the usefulness of the Operations Center will become more apparent now that the Operations Desk has been relocated to the Central Laboratory. It is our desire to be as informative as we can about the status and progress of the Fermilab research program and to that end we welcome your comments and suggestions as well as your visits to the Center."

In addition to Allen, staff members of the Center include Jim MacLachlan, physicist. Bob Evans, Anthony Malensek, Brian Kramper, Warren Light and Jim Liebau are the Operations Coordinators. Martin Bender is an Operations Assistant and Dee Ray is the secretary for the Operations Section.

In an area adjoining the Operations Center, Cynthia Sazama and Phyllis Hale staff the Users Office where new experimenters receive identification cards, vehicle stickers, radiation badges, and patent clearance agreements in a one-stop visit. This office is also the administrative headquarters of the Fermilab Users Organization, and a number of other user services are available here.

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James R. Sanford, Associate Director for Program Planning, has issued the 1975 edition of "Procedures for Experimenters." Current policies and procedures to assist experimenters at Fermilab are described in the booklet. Particular emphasis is laid on safety requirements, and the resources of the Laboratory are briefly explained. Copies of the Procedures are available from Sanford's Office, CL-2E, Ext. 3211.

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NEW SPEED LIMIT

A reduced speed limit of 35 miles per hour is now in effect on Wilson Street from the Bubble Chamber area to Kirk Road. Rudy Dorner, Site Manager, urges Fermilab motorists to drive with caution over the rough spots on Wilson Street because repairs cannot be made until warmer weather.

Motorists using the Batavia Road entrance to Fermilab are also urged to use caution driving through the construction area just outside the Laboratory boundaries. Repairs here will also be delayed until spring.

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...Visitors Jim Sigler, Orrin Fackler check with Phyllis Hale in Users Office...



...Jim MacLachlan feeds current data into operations monitors...



...Clarence Winders, Site Services...

FINE ARTS QUARTET CONCERT JANUARY 25

The world-famous Fine Arts Quartet will appear in the January program of the Fermilab Auditorium Art Series on Saturday, January 25, at 8:30 p.m. in the Fermilab Auditorium.

Since 1946 the Fine Arts Quartet has performed in concerts around the world and in many national television and film feature programs. Members of the Quartet also teach chamber music and have conducted seminars, clinics and workshops at many leading U.S. colleges and universities.

The Fine Arts Quartet Concert Series at the Goodman Theater in Chicago has few parallels in success in America. For over 15 years they have performed new works commissioned for this series, including the 1969 Pulitzer Prize winning composition. The Fine Arts Quartet productions have appeared on Channel 11, Chicago television, and on the National Educational Television network for many years.

The Fine Arts Quartet has been the quartet in residence and permanent members of the faculty, with professorial rank, at the University of Wisconsin-Milwaukee since 1963. Members of the Quartet are: Leonard Sorkin, violin; Abram Loft, violin; Bernard Zaslav, viola; and George Sopkin, cello.

Selecting from one of the largest repertoires of any ensemble in the world, the Fine Arts Quartet's appearance at Fermilab will include Mozart Hunt Quartet, K458; Shostakovitch Quartet #1; and Beethoven Quartet Opus 59 #2.

The program is one of a continuing series of cultural presentations of the Fermilab Auditorium Arts Series. Reservations may be made in advance of the concert by calling Ext. 3091. Tickets are \$3.00 for adults, \$1.50 for children, and student group rates are available. Tickets may be purchased from the Guest Office, CL-1W, or from Denise Augustine, CL-12 Crossover. Tickets will also be available at the door.

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OTHER DATES TO REMEMBER...

...International Folk Dancing meets on Friday, January 17, at 8 p.m. in the Village Barn... NALREC's Chicago basketball trip, Saturday, January 18. Call Gene Plant, Ext. 3807, for tickets...Organizational meeting for physical fitness groups for both men and women, noon hour, Tuesday, Jan. 21, Snake Pit, CL..."The Ultimate Adventure," an inspirational film, will be shown on January 21 at 12 noon in the Auditorium. There is no charge and everyone is welcome. For further information, call J. Peterson, Ext. 4050.

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...L-R, Front Row: N. Luna, H. Whitney, W. Beckley; Back Row: C. E. McCoy, L. Grimstead, R. Grosklaus, W. Markgraf...



...The Fine Arts Quartet...

Members of the Fermilab Fire Protection Department were recently certified as "Basic-level Firefighters" under the terms of the 200-hour training program of the Illinois Fire Protection Personnel Standards and Education Commission. The basic level training prepares them to compete on the state-wide examination for Advanced-level Firefighter to be administered in January through the state's community colleges. Certificates were presented by Carl E. McCoy, Springfield, Executive Director of the Commission. The Commission has also conditionally designated the Fermilab Fire Protection Department and the Fermilab as an approved training facility for fire fighters.

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STATE REPRESENTATIVE DYER AT FERMILAB

Illinois State Representative Mrs. Robert "Giddy" Dyer of Hinsdale will speak on Thursday, January 23, at the regular meeting for women employees at 4 p.m. Mrs. Dyer, a member of the Illinois House of Representatives for many years, has been one of the leaders supporting approval of the equal rights amendment by the Illinois legislature. Mrs. Dyer will explain the current status of the legal action concerning ERA now pending in the courts, as well as the changes in voting possible as a result of the November elections. The ERA legislation will be considered again by the legislature in the next few months. Everyone interested is invited to hear and to meet Mrs. Dyer at the Fermilab meeting to be held in Curia II, CL-2W. For further information call Joyce Downs, Ext. 3415.

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CONGRATULATIONS... to Vicky (Business Office) and Keith (Computer Group) Ecklund who were married on Saturday, December 28...to Joyce Downs (EEO) and Juan Lomax following their marriage in December in California..to Carol and Russ (Night Switchboard Operator) Proctor on the birth of their daughter Jamilyn on December 22...to Minerva (AEC) Sanders and her family on their adoption of Iris Denise, age 6, on January 10.

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.....JANITORIAL CLEANING in the Central Laboratory is now taking place during day hours, 7 a.m. to 3:30 p.m. Significant energy savings will be possible, over the previous evening hours; most lights in the Central Laboratory will now be shut off at 7 p.m. Exceptions are the computer floors, 7 and 8W, the Library, and the Operations Center, 1E. Central Laboratory residents are asked to cooperate in getting the new routine underway. Problems should be directed to Fred Moore, Ext. 3824, or Gene Plant, Ext. 3807.

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NEW SOUNDS OF MUSIC?

Electronic music continues to grow as a new and different style of music. Electronic sounds are being used more in traditional styles of music. Wally Kissel, Accelerator Division, Ext. 3721, is interested in finding out how many people at Fermilab would be curious in these areas and would like to discuss possibilities of designing equipment and generally experimenting with electronic music. Call him if you are interested.

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...Dan Moline (L), Accelerator Division, and Frank Kleber (R), Technical Services, will appear in the Playmakers upcoming production of the 1937 Pulitzer Prize winning comedy, "You Can't Take It With You" which will be presented at the Arcada Theatre in St. Charles, January 23, 24, and 25, with an 8:30 curtain time...

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CLASSIFIED ADS

FOR SALE - Du Mont Stereo AM-FM Radio/Phono (Solid State) Console--Credenza Style Walnut Cabinet, \$75.00. Diana Kowalski, Ext. 4039, or 653-6845, evenings.

FOR SALE - Auto-Flo, model 450 Furnace Humidifier. Call Ed Heim, Ext. 3759.

FOR SALE - TIRES: 2 snow, H70x15 Jetson Glass, \$15 ea., 2 snow, 885x15 Silvertown (Stud.), \$10 ea., 2 snow 600x13, Jetson (Stud.), \$10 ea., 3 used Boat Trailer, 480x8 6 ply., \$10 ea., 1 New Boat Trailer 480x8 6 ply., \$15. Call Art Streccius, Safety Office, Ext. 3580.

FOR SALE - 1972 Cadillac Sedan Deville and 1971 Dodge window van. Repossessed automobiles. Credit Union will accept bids until 1/20/75. Call 76-3789 for information.

FOR SALE - Unusual Car, Old "French Detective" Citroen. Needs restoration and loving care. Call Ernie 393-1198 or Ext. 4003.

FREE - 1965 Rambler Classic. Needs solenoid starter motor and battery. R. Donaldson, X3278.