



# Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Volume 2, No. 8

57565

OAK RIDGE, TENNESSEE

57564

Tuesday, Feb. 24, 1948



WINNIE MILLER, OF THE Y-12 INSURANCE OFFICE, is shown in the above pictures bringing pleasure to incapacitated fellow-employees. In the picture to the left, Winnie is visiting Jane Hensley, Dept. M12P, who was ill in the Oak Ridge Hospital. At right, she is delivering an insurance benefit check to Randall



B. Amos, Dept. A13N, at his home, 112 Mead Lane. In addition to delivering the check to Amos, who was recuperating from an operation, Winnie has a bright smile for little Larry Amos as the tot is held by his father.

Y-12 Photos By Vince Moore

## Red Cross Fund Drive In Y-12 Starts March 1

Plans have been completed in Y-12 for plant participation in the 1948 fund drive to support work of the Oak Ridge Chapter of the American Red Cross, with the campaign getting underway next Monday, March 1.

Howard P. Doyle has been named to direct the drive in Y-12. Before the date of the drive opening he plans to have pledge cards distributed throughout the plant and solicitation will be made through plant supervision.

### Bulk Of Fund Stays Here

The Oak Ridge chapter has set a goal of \$19,860 for the 1948 drive, which will last through Saturday, March 13. Of the money raised in Oak Ridge, 90 per cent will remain in the local treasury while 10 per cent goes to the national organization.

Cecil O. Burns, of K-25, is chairman of the local Red Cross chapter with George W. Flack, also of K-25, as chairman of the 1948 local fund raising campaign. Aiding Flack in conducting the 1948 campaign will be Herb Mack in charge of the speaker's bureau and Joe F. Gordon as public information chairman.

### How Money Was Spent

From the 1947 fund the Oak Ridge chapter diverted 56 per cent of its receipts for projects described by Mrs. James F. Anderson, executive director of the chapter, as basic maintenance. This includes expenditures for food, shelter, fuel and clothing in cases of emergencies and for indigent persons. Medical aid and other assistance to former service men, men now in service and their dependents took up 42 per cent of the chapter's 1947 funds and the remaining two per cent was for miscellaneous services.

Among the projects undertaken by the Red Cross in Oak Ridge last year were training in swimming and junior and senior life saving, in which 682 persons participated. Classes in home nursing and sewing also were held and approximately 800 pieces of used clothing distributed. Another

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## V.F.W. Post Gets Quarters In Gary Hall; Dance Is Set

Gary Hall in Jefferson Circle will become the new home of the Raymond C. Mason Post, No. 6351, Veterans of Foreign Wars, it has been announced by W. O. Elam, Senior Vice Commander, and a captain in the Y-12 Fire Department, who said that the membership voted at its last Tuesday night's meeting to accept the building offered by the Atomic Energy Commission.

A seven-man planning committee appointed by Post Commander Kenneth E. Fahey will take charge of remodeling of the entire south wing of the ground floor, which is to be the new quarters. Search for a new home became necessary when the post was informed building of new dwelling units would encompass its present quarters. Transfer into the new quarters is expected to take place in early April.

Post 6351 will hold an open dance at the Grove Hall March 19 and Skip Skipper's orchestra has been obtained for the occasion. Proceeds of the dance will be used to finance the Veterans of Foreign Wars' Oak Ridge youth fund.

## Dispensary Maintains Perfect Attendance

Despite the fact that absenteeism in Y-12 increased .5 per cent for the week ending February 15 over the preceding seven-day period; Dept. A12D, Dispensary, turned in a perfect attendance record for the third week. The plant record for the week ending February 15 was 3.3 per cent as against 2.8 per cent for the previous week.

Staying at the top in the minor league, composed of departments with from 15 to 49 employees, with Dept. A12D was Dept. M13P, Product Processing. The group also was tied for first place for the week ending February 8. Second place in the minor league again was held by Dept. A15N, Experimental Process Equipment Repair and Maintenance, with an absentee mark of .5 per cent. Again in third place was Dept. M12S, Steam Plant, with a record of an even one per cent of its personnel absent.

The usual upheaval of standings in the major league, composed of departments with more than 50

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## Social Visitors Passes Will Be Issued In Y-12

Effective Wednesday, February 25, social visitors passes for non-residents of Oak Ridge to gain admittance to the area, will be issued by the Y-12 Badge and Pass Office at the North Portal at the request of employees who are residents of Oak Ridge. All social visitors passes will be issued in accordance with existing Atomic Energy Commission regulations.

The social visitors passes will be issued Mondays through Fridays from 7:30 a.m. to 4:30 p.m. It will be the responsibility of the employee obtaining the passes to make arrangements for delivery of the permits to proper area gates.

## FIRE AWARD MEET SET

Officials of Oak Ridge operating companies and the city will attend a dinner meeting at Grove Recreation Hall on Monday, March 8, to receive awards for 1947 fire prevention programs. The city of Oak Ridge won first place among municipalities of the entire nation and K-25 finished first and Y-12 second among industrial organiza-

## Much Travel, Varied Situations Met By Winnie Miller On Job

As a result of her duties, Winnie Miller, of the Y-12 Insurance Office, is one of the most widely travelled employees in Y-12, journeying over practically every highway and byway within a radius of 50 miles of Oak Ridge and keeping on the move during the majority of her working hours.

Questions of all kinds are fired at—and answered—by Winnie on many subjects, including Oak Ridge hospitalization, Y-12 group insurance, sick leave benefits, vacations and workmen's compensation. She also obtains statements from physicians on claim forms that are necessary before insurance benefit payments are made.

Many of her visits are for the purpose of delivering benefit checks to ill or disabled employees at their homes or in a hospital. However, not only do these activities prove pleasing to folks, but also the fact that she brings news of their friends in Y-12, copies of The Y-12 Bulletin and—best of all—a cheery and sunny disposition.

Her day's work is never dull as it encompasses a wide variety of activities. She often is called on to write letters for employees to relatives. Frequently she is requested to obtain cosmetics for patients bedridden in a hospital; to whom she also takes flowers from friends on the outside.

Needless to say in the course of her day's work, Winnie runs across

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## Suggestions Of 10 Employees Merit Company Recognition

Ten suggestions submitted by employees have merited recognition by the Company recently.

Employees whose suggestions were given recognition, their department numbers and suggestion numbers include W. M. Akers, A14N, 61152; L. Parrett, A17N, 60379; W. Ray, B12C, 61390; J. P. Galyon, B12H, 62535; W. W. Welch, B12H, 61766; R. P. Ward, A12J, 61578; L. H. Kelly, A12J, 61883; and E. Dittman, B12L, 62028. Honorable mention was accorded Frances U. Gilliam, H12D, 62134; and L. E. Outlaw, H12D, 60175.

Proponents of Suggestions No. 60521 and No. 62389 did not sign their suggestion blank forms. They are urged to report to the Suggestion Office, Room 14, Bldg. 9701-1 to establish their identity.

## WATO Is Radio Station Of, For And By Oak Ridge; Teamwork, Long Hours Demonstrated In Operation

"Oh, How I Hate to Get Up in the Morning" and "Just Give Me Five Minutes More" can well be nominated as the most popular theme-thoughts of Mr. Average Citizen as the dawn's early light peeps over the Eastern horizon.

Then, after the usual grunts and goans, Mr. Average Citizen finally hits the deck. Remembering he is Mr. Average Citizen—one of the first things he generally does after getting one or more eyes open is to flick the switch on his radio. Then he hears reports on the time—news—music of various and sundry types and calibre—and maybe a few tips on the price of groceries or the latest claims of a patent medicine guaranteed to cure ailments ranging from flat feet to dandruff.

Perhaps Mr. Average Citizen gives a thought—probably not, however—to what goes in prepar-

ing the information and entertainment pouring in through the insides of his radio. There was a day when the apparatus spawned by Mr. Marconi's gadget that tossed dots and dashes through the ether caused great interest—but now the radio is just a part of the everyday life of the nation with the usual intricate angles and complexities of any highly specialized activity.

Here in Oak Ridge is a typical radio broadcasting station—WATO. It went on the air February 1 and while Mr. Average Citizen was doing the aforementioned grunting and groaning the WATO staff already was at work—and probably would be at work after Mr. Average Citizen has retired. For the work at a radio station can be likened to the fabled work of a woman—it is never done.

## End Of Day Security Steps Are Described

There are a number of important duties facing every Y-12 employee who handles restricted data before the work program for the day can be concluded, according to the Security Office.

Here are the prescribed tasks to be performed at the end of the day in order that restricted data documents may be adequately protected when it is not in use:

1. Check the tops of all cabinets, desks and file baskets and remove all classified documents.
2. Remove all classified documents from desk drawers. A locked desk is not considered an adequate repository for restricted data.
3. Place all classified documents in approved cabinets or safes.
4. Close repository drawers and doors and turn dial combinations at least two complete turns. If a key lock is used, be sure the lock is depressed as far as possible.
5. Try each drawer or door of restricted data repositories to see that each is securely fastened.
6. Sign duty sheet.

The Security Office, North Portal, telephone 7125, will be glad to provide any Y-12 employee with information on security requirements on application.

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## Has About 12 Regular Employees

WATO can well be called a radio station of, for and by Oak Ridge. From Marshall Pengra, general manager, through the list of about a dozen regular employees, all are

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# Y-12 Bulletin

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## Y-12 Girls Get Thrills On Ski Runs Of Smokies

Skiing may not be considered exactly a Southern sport — But there are some enthusiastic participants in the hickory slat activities in Y-12. Two of them, Kay Guthrie, Dept. B13C, and Ruth Buttles, Dept. A12J, have written an interesting account of the activities enjoyed by skiers in the Great Smoky Mountains, which offers excellent facilities for lovers of the sport. The Y-12 Bulletin is glad to publish their story in full below.

The three battered-looking representatives of the weaker sex in Y-12 are not victims of mishap, they're members of the Oak Ridge Ski Club. The club was organized in Oak Ridge in 1946 by a former Y-12er, Alec MacIntosh, and at that time there were about a dozen Y-12 representatives in the group. This year only three die-hards remain—Kay Guthrie, Dept. B13C, Nancy Garrison, Dept. B13C, and Ruth Buttles, Dept. A12J.

Nancy is a South Carolinian by birth and came to the "Frozen North" of Tennessee where she took up skiing for winter recreation. Kay started her skiing in western North Carolina where the high humidity and elevation of Banner Elk provided good skiing conditions. Kay is a charter member of the local organization as is Ruth Buttles, who hails from Vermont.

### Members of Ski Club

The girls also are members of the Great Smoky Ski Club which includes ski enthusiasts from Oak Ridge, Knoxville, Athens, Asheville and Bryson City.

The ski slopes are at Indian Gap in the Great Smoky Mountains. Here novices find easy open slopes and the few experts as well as some of the more foolhardy beginners ski a narrow, winding trail about a quarter of a mile long through the trees. The beginners get a little informal instruction from the more experienced skiers.

The first and most difficult lesson for most would-be skiers is relaxation. As soon as the novice is able to stand or fall with ease, proper position is learned, followed by the more advanced lessons in stopping, turning, jumping and other ski acrobatics.

### Skier Feels Serenity of Nature

Skiing offers far more than mere exercise and hard work. The nature lover will find peace of mind in the quiet beauty of the snow glistening in the sun, the dark green of the pines and spruces against a background of blue sky and white clouds. A feeling of serenity is conveyed to the skier by the majestic works of Mother Nature.

The warmly-dressed skier finds no time to get chilled by the brisk invigorating air. In spite of near-zero temperatures the skier gradually removes extra jackets and sweaters and rolls up his sleeves, still comfortable because of warming exercise and sunshine.

### Group Gathers For Food

At the end of the day, the group gathers at the Hotel Greystone in



SEEING IS BELIEVING—ITS SKIING IN THE SMOKIES. Three Y-12ers, Nancy Garrison, Dept. B13C, Ruth Buttles, Dept. A12J, and Kay Guthrie, Dept. B13C, from left to right, are shown poised and ready to start the ski run at Indian Gap. The picture on the right shows Kay Guthrie speeding down the incline at Indian Gap. The sticks she holds in trailing position are for the purpose of aiding balance, making turns, but primarily to help propel the skier back up the slopes.



## Dispensary Maintains Perfect Attendance

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employees, again occurred for the week ending February 15. For the past several weeks no one department in the major league has monopolized the top place in the standings.

### Firemen Jump Into Lead

For the week ending February 15 Dept. A14J, the Y-12 Fire Department, jumped into the lead with an absentee mark of only .3 per cent. The firemen were in sixth place the previous week. Dept. A13N, General Utilities and Standby, jumped from seventh place to second, reporting an absentee percentage of .5. Dept. B12H, Refining fourth for the week ending February 8, climbed up one notch into the third spot with an absentee mark of .6 per cent.

The absentee record for the week ending February 15, by departments, follows:

MAJOR LEAGUE More than 50 Employees			
Dept.	Percentage Absent	Standing 2-15-48	Standing 2-8-48
A14J	0.3	1	6
A13N	0.5	2	7
B12H	0.6	3	4
A12W	1.2	4	17
B12C	1.7	5	2
A16N	1.8	6	5
B12L	2.1	7	3
A17N	2.5	8	11
A12M	2.9	9	13
A12S	3.2	10	1
A12G	4.43	11	9
H12E	4.43	11	12
H12L	4.59	12	8
A14N	4.60	13	10
B13L	5.8	14	16
M12P	6.4	15	14
H12D	7.6	16	15

Group absentee percentage was three per cent, .1 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees			
Dept.	Percentage Absent	Standing 2-15-48	Standing 2-8-48
A12D	0.0	1	1
M13P	0.0	1	1
A15N	0.5	2	2
M12S	1.0	3	3
A12L	1.3	4	1
A12T	2.1	5	1
A13S	2.7	6	4
A12J	4.0	7	1
A12R	4.2	8	7
A13T	4.3	9	5
A12N	5.5	10	8
B12A	6.4	11	6
B13C	6.7	12	9
A12A	8.7	13	10
A19N	13.3	14	9

Group absentee percentage was 4. per cent, 1.5 per cent higher than the preceding week.

The plant average for the week ending February 15 was 3.3 per cent, .5 per cent higher than the preceding week.

The bumper crop of all—pedestrians bumped by motorists.

## Additions To Y-12 Technical Library

### LIBRARY Science

Q 213-Ref.—Regen and Regen, "German-English Dictionary for Electronics Engineers and Physicists." Michigan, J. W. Edwards, 1946. 358 pages.

Mathematics  
QA 155—Albert, A. Adrian, "Modern Higher Algebra." Chicago, University of Chicago Press, 1937. 319 pages.

Physics  
QC 182—Ledoux, Edward, "Vapor Adsorption." N.Y., Chemical Publishing Co., 1942. 360 pages.  
QC 721—Conn, G. K. T., "The Wave Nature of the Electron." London, Blackie and Son., 1938. 78 pages.

Chemistry  
QD 135—Gillett and Mack, "Molybdenum, Cerium and Related Alloy Steels." N.Y., Chemical Publishing Co., 1925. 299 pages.  
QD 181.C2—Mantell and Hardy, "Calcium-Metallurgy and Technology." N.Y., Reinhold, 1945. 148 pages.

Technology  
TP 155—Hougen and Watson, "Chemical Process Principles, Part II - Thermodynamics." N.Y., Wiley and Sons, 1947. 804 pages.  
Periodical—"American City," beginning with January, 1948 issue.

### CHEST HEADS TO MEET

Directors of the Oak Ridge Community Chest will meet at 4 o'clock Thursday afternoon in the doctor's lounge of the Oak Ridge Hospital.

Gatlinburg for steaks, trimmings and cups of steaming coffee. After dinner before blazing logs in the fireplace, skis are waxed, boots are greased, and skiing incidents are recounted. In the evening some of the skiers play ping-pong and attend local square dances, but all turn in soon for an early start next morning on the day's skiing activities. On Sunday evening the pleasantly tired and well-tanned skiers return home and begin making plans for another weekend.

## Strictly Confidential..

A whole week of his precious vacation was wasted, reported H. S. Sanders, Dept. A15N, who spent a two-week vacation in Dallas, Tex., with relatives. During that time, he was snowbound one week, which prevented any sightseeing activities.

Dept. A15N, welcomes the following employees into the department; E. L. Davenport, J. R. Helton, J. R. Joslin, B. M. Cox and R. D. Smidie . . . Alice Bullard spent a recent weekend shopping in Chattanooga . . . H. K. Gaston spent a recent weekend with his parents in Sunbright, Tenn. . . J. H. Dobbins is the proud father of a son born last week . . . W. E. Williams, Dept. A15N, and wife spent a recent weekend in Asheville, N.C.

J. L. Titlow, Dept. A14N, and wife are spending a vacation with relatives in Jacksonville, Fla. . . Clayton Hatmaker returned Monday after a weeks vacation.

Dept. A12T wishes a quick recovery to H. L. White, who is ill. J. L. Day, Dept. A13T, has re-

turned from a two-week vacation spent at his home in LaFollette . . . S. T. Burress is spending a quiet vacation in Oak Ridge this week . . . H. D. Newport has returned from a vacation.

Everyone met Wayne Rogers at the door Monday morning, Why? To get their cigars to celebrate the arrival of a new son in the Rogers family.

C. B. Hopkins, George Howard and A. F. Kendig, of Dept. A17N, were among the spectators at the Clinton vs Oak Ridge Wildcats basketball game at Clinton recently. Incidentally Hopkins' son "BB" is a forward for the Wildcats.

The recent pretty weather has S. R. Cowden, Dept. A17N, worried about whether he can attend his garden and also keep up with his fishing.

Penny Keene, Dept. A12D and husband, Oliver, Dept. A12M, motored to Birmingham, Ala., last weekend . . . Dept. A12D welcomes Clara D. Boyman into the department.

## Trapp Family Singers Set For Concert Here Friday

An Austrian group of singers and instrumentalists, the Trapp Family, will be presented in concert at 8 o'clock Friday night at the Oak Ridge High School Auditorium by the Oak Ridge Civic Music Association. The concert is the second to be given by the association with admittance for members only and tickets may be picked up at the Music Box, Jackson Square, through Friday.

The musical group is headed by Baroness Maria Augusta von Trapp, her son, Werner, and daughters Johanna, Agathe, Hedwig, Maria, Martina, Rosemary and Eleanor. The family's priest, the Rev. Franz Werner, is musical director and manager of the singers.

Among those attending the Vaughn Monroe show and dance in Knoxville were Billie Boyd and Evelyn Murphy, of Dept. B12C, and Tom Mackey, Dept. H12D.

Sarah Brown, Dept. A19N, went to Harriman last weekend to see her new nephew, James Marshall, born February 17.

Dept. A14N is happy to hear Frank Darby is out of the hospital and recovering rapidly.

Dept. A12A extends sympathy to Roy Henley whose father, William C. Henley, died at his home in Loudon, Tenn., recently.

Nelson Tibbatts, Dept. A12N, Avery Kendig and Elmer Green of Dept. A17N, are cleaning and oiling their fishing equipment since the sun came out in the last day or two; also thinking up tall fish tales to see which can tell the best.

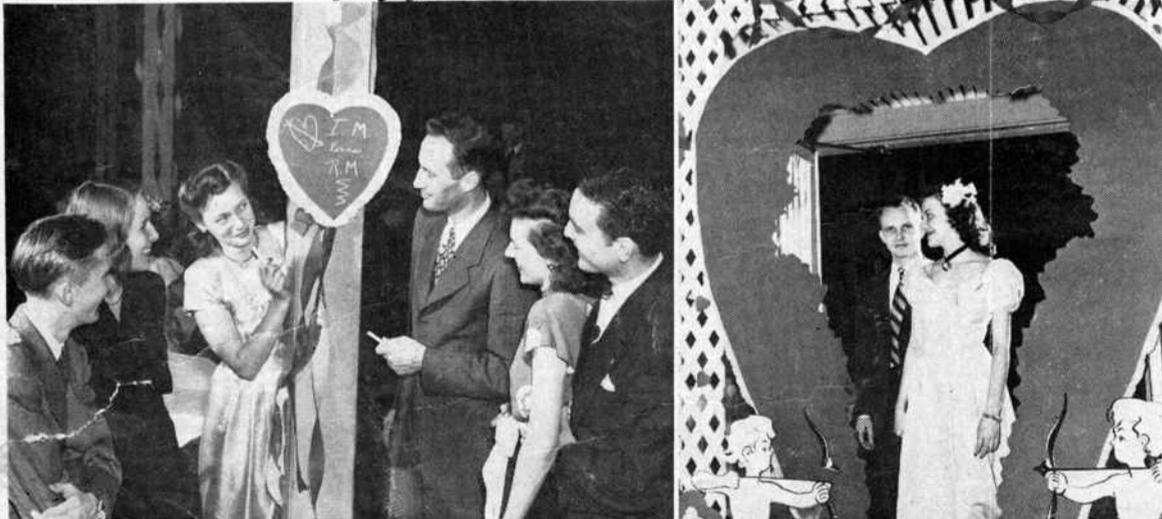
Friday the 13th, seems to be an unlucky day for Joe Culver, Dept. A12W, who was playing badminton and stepped off in thin air and pulled a ligament loose in his back. The department wishes him a speedy recovery.

Depts. A12N, A17N, A13N and A12A are all glad to see W. T. McNamara of Dept. A12N, back on the job after his operation.

Fred Guttery, Dept. M13P, is vacationing in Southeastern Alabama.

Dept. M12P extended a warm welcome last week to Ethel Rose, who returned to work after a month's illness . . . Dorothy Lockhart Brashears spent last weekend in Roanoke, Va., where she met her husband, who is on leave from Camp Kilmer, N.J., where he is stationed . . . Hazel Wiggins, formerly of Dept. M12P, recently spent several days visiting Oak Ridge friends to relax from her studies at the Knoxville General Hospital where she is training to become a nurse . . . N. H. McKay attended a meeting at the Museum of Science and Industry in Chicago February 12 and 13 . . . Wilma West visited in Appalachia, Va., last weekend.

Mr. and Mrs. C. R. Giles, of Etowah, had as their guests recently the former's parents from Barger, Tex. Mrs. Giles is a Dept. M12P employee.



THE "I.M. LOVES R.M." TABLEAU pictured is a scene taken at the annual Valentine Dance of the Beta Sigma Phi Sorority held February 13 at Grove Hall. The initials belong to Mr. and Mrs. Raymond Murray, principal actors in the Cupid scene who are shown to the right and left of center post. Murray is in Dept. B12A at Y-12. Left are Keith Brown, Dept. H12L, and his wife. To the right of Murray are Mrs. Preslar, ex-Y-12 employee, and husband Joe Preslar, Dept. H12E. The couple centered in the giant valentine heart are Charlie F. Holloway, Dept. A12W, and Betty Whitehorn, Dept. B12C. Incidentally Valentine's Day was Raymond Murray's birthday.



Six births were reported to Y-12 families at the Oak Ridge Hospital last week. Parents were Mr. and Mrs. Fletcher L. Daley, a daughter, and Mr. and Mrs. William B. Plemens, a daughter February 12; Mr. and Mrs. Warren B. Tyree, a son, February 14; Mr. and Mrs. James H. Dobbins, a son and Mr. and Mrs. James K. Firestone III, a daughter, February 15; Mr. and Mrs. Wayne Roberts, a daughter, February 16.

### WE SHOULD LIVE SO LONG

Dr. George A. Gamow, professor of theoretical physics at George Washington University, is quoted in news dispatches as saying the atomic bomb isn't here to stay. The earth's supply of uranium will be exhausted in a few billion years, he said.

Y-12 Photos By Vince Moore



Y-12 Photos By Vince Moore

PEEKING INTO THE INNER SANCTUMS of Oak Ridge Radio Station WATO the cameraman caught the interesting pictures shown above. At left Marshall Pengra, general manager, center, is receiving a communication from Christine Lenihan, of the copy department,

as Art Metzler, program director, looks on from the right. The center picture shows the control room of the station. At the microphone, center, is David Jacobs, one of the station's announcers. In the background checking the program presentation is Charles

Thurin, an engineer, while at the right is Beverly Odum, continuity director, at the record file. Betsy Hyatt Burton, receptionist and copywriter, is shown in the bottom picture foreground and through the window can be seen Theron Atkins, an announcer, checking news copy from the United Press teletype machine.

### Big Audiences Are Expected For Lions Club Minstrel

A packed house seems assured for Oak Ridge's first adult minstrel show as ticket sales for the Lions Club black-face event indicate that every seat will be taken at the high school auditorium for the showings on Thursday, Friday and Saturday nights.

The minstrel has been divided into two parts, the first an old fashion dark-face minstrel and circle, and the second a night club scene which stages a number of variety acts. Y-12 men who are in the minstrel cast include Bill Bonham, Bob Knight, H. E. Buckminster and Elmer Olson. C. P. Keim, Superintendent of the Y-12 Pilot Plant, is the Lions Club coordinator for the show.

### Red Cross Drive To Open In Y-12 Monday, March 1

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phase of the work was operation of the blood bank at the Oak Ridge Hospital in which 406 pints of blood were administered to patients without cost to them.

#### Services Provided For Vets

The 1948 program includes much the same type of endeavor, Mrs. Anderson said. She stressed the value of the service performed for veterans that includes advance of funds to veterans, service men or their dependents when allotment payments fail to arrive on time. Medical aid for veterans of service men in cases of emergency also is provided, as is assistance in filing claims and other business.

### Legion Post Plans Employment Aid

An employment service for Oak Ridge veterans, proposed at last Thursday night's meeting of Atomic City Post, No. 199, American Legion, will be formulated this week by the post's executive committee, it has been announced by Commander Frank Wilson.

A part of the Legion's 1948 program, the employment service will be under chairmanship of Will Webb, post service officer, and calls for weekly contacts with the employment managers of all operating companies on the area as well as retail businesses. The service will be extended to non-members as well as members of the post.

### Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week; Lester E. Burkhardt, Dept. H12L; Clarence C. Harris, Dept. B12H; William L. Scott, Dept. A12W; Hattton L. White, Dept. A12T; Guy T. Wells, Dept. B12L; Jane Hensley, Dept. M12P; Georgia A. George, Dept. B12H; Shirley Brown, Dept. A13S; James C. Nelson, Dept. M13C; Frank Darby, Dept. A14N.

Ask your supervisor for information on your security duties.

## WATO Is Radio Station Of, For And By Oak Ridge; Teamwork, Long Hours Demonstrated In Operation

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residents of Oak Ridge, and most of them were here long before the radio station was a twinkle in its founder's eyes.

Close teamwork is necessary for the successful operation of any radio station—and WATO is no exception. The principal staff members include a chief engineer, a sales manager, program manager, traffic director, continuity director, copy department and a force of announcers. Their work must dovetail in every respect to keep the station operations at an even pace and without blank spaces on the air.

Chief Engineer is Jack Fleet, formerly of Station WXGI, Richmond, Va. As the title implies, his duties are to see that the programs are channeled from the equipment in the station to the tower and out over the airwaves.

#### Master Log Rules Program

Arthur Metzler, formerly with Station WOR, New York; and WROL, Knoxville, is the program director. He must work in close contact with Harry Weaver, another former WROL man and sales manager, and Thelma McCartney, traffic director, to assure that all of the many programs handled by the station fall into their proper place on the master log of the station that accounts for every minute of the broadcasting day.

Beverly Odum, as continuity director, has the responsibility of smoothly presenting the program matter with particular attention to timing. Preparing the program matter is the function of the copy department of the station, members of which are Betsy Burton and Christine Lenihan.

Then last, but not least, are the station announcers who are much better known to the public than the other folks behind the scenes. At WATO the announcers include Ted Lehman, Theron Atkins, David Jacobs and James Black, the latter having come to WATO with experience at Station WGAP, Maryville.

#### Many Long Hours Put In

Naturally with an 18-hour day to face, the WATO staff works in shifts, particularly the announcers. However, with the organization just getting its feet on the ground there are many long hours put in by Pengra and his aides.

As in every successful radio station, constant attention is paid to public opinion in the arrangement of programs for listeners. WATO is a unit of the Mutual Broadcasting Company and network programs take up about 40 per cent of the station's time on the air. The remaining time is filled with local programs.

It is these local programs—be they records, spot news announcements, organization reports or other matter—that keep the WATO staff on its toes to maintain a steady flow of interest among its listeners and provide the public service function of a typical radio station.

As an example of the public service angle, Pengra quite proudly

relates a recent incident in which the station played an important role. On one Saturday afternoon a telephone call came to the station requesting 20 blood donors at the Oak Ridge Hospital. The announcement was put on the air four times in about 40 minutes and despite the day being one in which comparatively few persons stay at home around their radios, within that time a full complement of donors showed up at the hospital to cope with the emergency.

When Oak Ridge streets were covered with ice and any kind of travel hazardous, WATO stepped in to aid city officials in urging residents to stay off glazed thoroughfares and then carried announcements as to what streets had been sanded and made safe for traffic. The station also has cooperated with plant authorities in carrying such announcements as urging employees not to forget their badges.

#### Has Local News, Features

In its efforts to bring spot news to its Oak Ridge listeners WATO has been announcing basketball games played by the Oak Ridge High School. Other local features include a "Man In The Street" program, carried out from Jackson Square with informal interviews.

Pengra came to Oak Ridge September 3, 1947, and started organization and construction work on WATO from scratch—opening the station almost five months later to

the day. During that period he met all the usual problems in starting a new project—and a few additional problems naturally presented in Oak Ridge. However, all were finally overcome.

WATO is located in the Municipal Market building with the tower being erected some 1,100 feet distant. The quarters comprise a reception room, two studios, a teletype room where United Press radio news is received, and offices for the staff.

#### Permit Granted In 1946

The idea of installing a radio station in Oak Ridge originated with Frank E. Pellegrin who with Carlin S. French applied to the Federal Communications Commission for a permit. This was granted by the FCC and the wave length of 1490 kilocycles allocated on April 6, 1946.

Pengra, everyone calls him Marshall after the first handshake, was induced to come here from Station KRNR and Station KFLW, in Roseburg and Klamath Falls, Ore., the stations being owned by a newspaper chain. Prior to a 12-year stay in that job he has operated Station KSLM at Salem, Ore. He is a native of Illinois and a graduate of the University of Illinois.

The WATO general manager is married and has two sons. The Pengra's are at home at 311 West Outer Drive.

## Much Travel, Varied Situations Met By Winnie Miller On Job

(Continued from Page 1)

some unusual situations. Just recently she visited a Y-12 woman employee recuperating from an illness. She found the employee in her front yard and locked out of the house.

It seemed that while she was in the yard a neighborhood child had entered the house and locked the door from the inside. No amount of coaxing or threats could persuade the tot to unlock the door. So Winnie obtained some reinforcements from the neighborhood and finally managed to pry open a window in the house, and access was gained in this manner.

#### Absences Are Checked

Not all of Winnie's visits pertain to insurance. Frequently she is requested to check absences of employees who are ill to determine how long the sick person will remain away from work. This information, relayed to department heads, enable them to obtain a substitute if the ailing employee is to be absent for any considerable length of time.

On her travels, Winnie sometimes has to overcome the handicap of indefinite—to say the least—directions as how to reach a certain destination. Here's an example—

"Turn right on the first road past the bridge, then after you pass two churches and a cemetery, turn right again and it is the first

house on the road because there is one in front of it but it is off the road."

#### Divining Rod In Equipment

With such instructions, Winnie has added a compass, detailed road map, a divining rod, a patient chauffeurette and well-trained bird dog to her equipment used in finding some employees' home.

Despite all of this travelling, Winnie apparently loves it. Last summer she covered approximately 7,000 miles on a two-week vacation trip that took her to Mexico, Pacific Coast states and Canada.

#### Traveling A Habit

This travel business was in Winnie's system even before she took over her present job. She is one of the pioneer Y-12 employees, coming to work in October, 1943. One of her first assignments was travelling for the Employment Department in Middle Tennessee, interviewing high school girl graduates for prospective employment. During that time she covered a lot of territory.

Before that? Oh, she travelled some more—once for the WPA school lunch program project during which time she covered five counties in Kentucky. Then she was practically tied down while working for the Farm Security Administration, merely covering one Kentucky county.

## Varsity Bowlers Make Good Showing In City Tournament

Y-12's varsity keglersmen cut a wide swath in the annual city-wide bowling tournament and took a third place stand, as of February 18, after amassing a team total of 2,907. Topping our representatives were K-25 with a first-place score of 2,924, and Roane-Anderson in second position with 2,917. All three teams are members of the City Industrial Bowling League.

More than 100 teams entered the tournament which began February 14 and ended February 22. Capt. Sky Barker's wearers of the wine-colored shirts will resume jousting tonight at the Central Alleys and will attempt to clean-sweep the series with the Skidmore, Owens, Merrill outfit. K-25, leading the loop by one game over Y-12, meets a tougher foe in the Atomic Energy Commission boys.

Y-12 tournament scores were Cobble 186, 187 and 169; ZaBenco 146, 151 and 127; Barker 170, 178 and 201; Roberts 176, 189 and 221; and B. Whitaker 169, 171 and 158.

## March 1 Deadline Is Set For Y-12 Bowling Tourney

A bowling powwow held in the Y-12 Recreation Department offices set Saturday and Sunday, March 6 and 7, as the dates for the Y-12 open bowling tournament. The two-day event will include competition in doubles, singles and team rolling, Arnold Tiller, Y-12 Recreation Supervisor, said. Entry deadline has been set for 12 noon March 1, and all entry blanks must have been turned in to the Recreation Department by that time. Blanks will be distributed tonight at the Jefferson Alleys to D Area bowlers and Thursday night at the Grove Alleys to the Plant League keglers.

## Y-12 Lassies Top Oliver Springs

Coach Bill Davis substituted second and third stringers in Y-12's galloping 26 to 18 win last Thursday night at the American Legion sponsored sextet from Oliver Springs after his varsity basket-ers had rolled up a commanding lead in the initial period.

#### JOINT MEETING SET

The recently organized Oak Ridge Lioness Club and the Lions Club will hold a joint meeting at 7 p.m. Monday, March 15, at Grove Recreation Hall when the women's organization will be presented its charter. Mrs. Jim LeSieur is the president of the Lioness Club, having been elected to the post February 16. Other officers are Mrs. Joe Preslar, first vice president; Mrs. C. P. Keim, second vice president; Mrs. Harry Schultz, third vice president; Mrs. Walter Mills, recording secretary; Mrs. Tex Daniels, corresponding secretary; and Mrs. Paul McDowell, treasurer.

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## Y-12 Hopes To Place Baseball, Women's Softball Teams In Oak Ridge Leagues; Views Are Sought

Maybe it is just Tuesday, February 24, on the calendar, but the bright sunshine that finally broke through the clouds last week brought tingles to baseball arms and thoughts of summer activities to the Y-12 Recreation Office.

First—here is a note to baseball players. The Y-12 Recreation Office greatly desires to enter a Y-12 plant team in the Oak Ridge City League this season. In order to do this all available baseball players in Y-12 will be needed to fill out the roster.

So Recreation Supervisor Arnold Tiller urges all Y-12 ball players not to sign contracts to play with other Oak Ridge teams and save their signatures for agreements to play with our own Y-12 team.

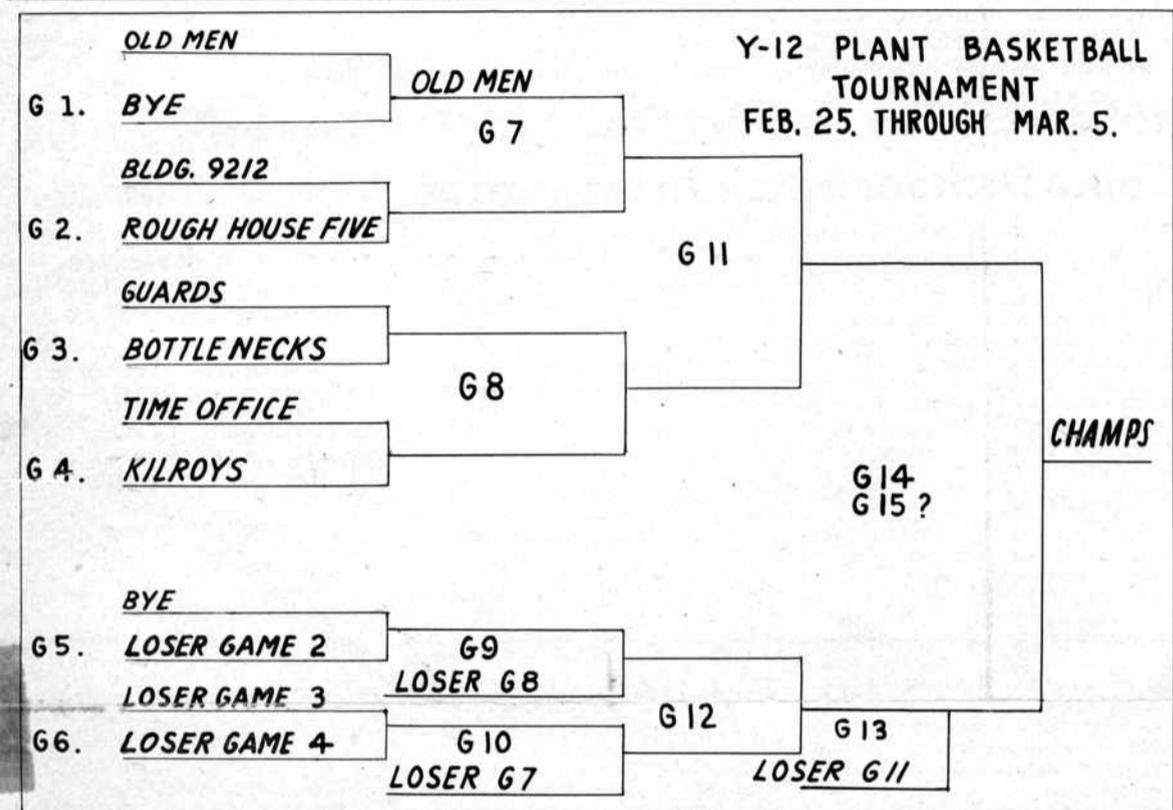
After the fine records established in the past by women's softball teams representing Y-12 it is

deemed imperative that another representative feminine diamond aggregation be fielded this season. However, Tiller again points out that to place a team in the field every woman employee in Y-12 with softball experience will have to report to the squad.

In connection with the plans to enter a baseball team and a women's softball team in Oak Ridge competition, Tiller has asked for comments from Y-12 athletes on their views in connection with these summer activities.

Tiller's telephone number is 7-8252 and the Recreation Office is at the North Portal. Start giving with those views right now so he can begin making more permanent plans for the coming summer.

## THREE TILTS OPEN CAGE TOURNEY TOMORROW



## Bldg. 9212, Rough Housers Play First Game; Double Elimination Meet Schedule Is Given

A tripleheader at Scarboro gymnasium tomorrow night will set off the Plant Basketball League's double elimination tournament. Game No. 2 starting at 6:30 p. m., stacks Bldg. 9212 against the Rough House Five; No. 3, beginning at 7:45 p. m., matches the Guards and the Bottlenecks; and No. 4 game, set for 9 p. m., pits the Time Office boys against the Kilroys.

### Old Men Draw Bye

Sitting on the sidelines and scouting the six teams in action tomorrow night, will be the Old Men. This team drew a bye and is listed as game No. 1. The rest of the tourney schedule follows:

Friday, February 27 — Loser game No. 3 vs loser game No. 4, at 6:30 p. m.; Old Men vs winner game No. 2, at 7:45 p. m.; and winner game No. 3 vs winner game No. 4, at 9 p. m.

Tuesday, March 2 — Loser game No. 2 vs loser game No. 8, at 7 p. m.; and winner game No. 6 vs loser game No. 7, at 8:15 p. m.

Wednesday, March 3—Winner game No. 7 vs winner game No. 8, at 7 p. m.; and winner game No. 9 vs winner game 10, at 8:15 p. m.

Thursday, March 4—Winner game No. 12 vs loser game No. 11, at 8 p. m.

Friday, March 5 — Winner game No. 11 vs winner game No. 13, at 8 p. m.

Wednesday, March 10—Will be played only if winner of game No. 13 defeats winner of game No. 11. If necessary, the game will start at 8 p. m.

March 2 and March 4 tourney games have been scheduled for the Jefferson Junior High School old gymnasium. All other games have been booked for the Scarboro gymnasium.

### Final Game Last Week

Final games of the Plant League's second half schedule were played last Friday night at Scarboro. Unless an upset occurred, the Rough House Five added the second half title and the season's championship.

A playoff for the second half pennant would become necessary only if the Rough House Five lost last Friday night's game to the Kilroys and the Guards won out over the Time Keepers. A win for the Rough House Five would give Capt. Jack Thomson's boys five victories against no losses.

### Upstarts Stage Upsets

Twin upsets by two upstarts featured last Wednesday night's tripleheader at Scarboro when the Old Men surprised the Kilroys in winning 28 to 22, and the Bottlenecks unhorsed the Time Keepers 29 to 18. In the third encounter the fast-paced Rough House Five turned back the Guards by a score of 35 to 23.

### League standing as of last Thursday follows:

Team	W	L	Team	W	L
K-25	24	11	AIT	16	19
Cue-Cushion	23	12	Jeffer	11	24
Y-12	21	14	Clint. Lab.	10	25

## Climbing Cueists Of Y-12 Continue Drive In League

On a steady climb, the Y-12 sharp-shooting cue artists took a stronger foothold on third position in the City Pocket Billiard League by cracking a crevice in K-25's shaky loop leadership. Capt. "Red" Wiest's cue quintet took the West Turnpike boys for a three out of five win, repeating last week's performance against the second place Cue and Cushion outfit.

Y-12's ace-in-the-hole for the pennant drive is a new shooter by the name of Les Cook who has not played for 10 years. Cook, one of the plant's top golfers, showed the K-25 crew quite a few tricks on shot procedure on the table green. Matches on tap now favor Wiest's boys as they play lower standing teams while Cue and Cushion is fighting it out with K-25.

Y-12's winning games were based on the following match scores (first named is Y-12 player): Les Cook 75, Keele 49; Red Wiest 75, Smith 52; Fuzz Harris 30, Center 75; E. B. Galloway 45, Carter 75; and Bill Walker 75, Rassler 74.

### League standing follows:

Team	W	L	Team	W	L
K-25	24	11	AIT	16	19
Cue-Cushion	23	12	Jeffer	11	24
Y-12	21	14	Clint. Lab.	10	25

### SPORTSMEN TO ELECT

The Oak Ridge Sportsmen Association will have a meeting March 2 at the clubhouse on West Oak Ridge Turnpike at 7:30 p. m. to elect new officials.

There is a reason for every security regulation in Y-12—so observe them.

**More Sport News  
On Page Three**

## Y-12 Sextet To Play In Nashville; Sports Safari Set For Kingsport

A host of post-season activities are facing Y-12 sports teams during the next few weeks.

Highlighting the program will be participation of the Y-12 women's basketball team in the Southeastern A.A.U. tournament at Nashville. Coach Davis' sextet also will enter the Tri-State double elimination tourney which starts in Knoxville March 1 and runs for three weeks. The Y-12 men's quintet in the Oak Ridge City Recreation League also is slated for participation in the "B" division of the Knoxville event. Cagers, Bowlers To Kingsport

Preceding the tournament schedules for Y-12 cagers will be a sports safari booked for Saturday, February 28, when a bus will carry the men's and women's varsity cage teams as well as the varsity bowling teams to Kingsport. At Kingsport the Y-12ers will play the Tennessee-Eastman Corp., basketball and bowling teams.

Participating of Coach Bill Davis' sextet in the Nashville event comes as a result of a special invitation received by Arnold Tiller, Y-12 Recreation Supervisor, from Billy Hudson, tourney director. The other contestant from this section will be the winner of the girl's East Tennessee A.A.U. tournament now being held in Knoxville.

Last year the Y-12 girl's varsity team lost out in the semi-finals at Nashville in a game with the Cook's Goldblumes, national champions. The Davis coached team had won all its 16 contests in the Oak Ridge City Basketball League and also had captured the Appalachian A.A.U. tournament at Knoxville.

The men's quintet Tiller will take to Knoxville for the Tri-State affair tied for the first half title with K-25 in the City Recreation League, and met that team last night in a playoff game to break the deadlock.

## Prospects Bright For Diamond Amateurs In Oak Ridge As Well Balanced City League Seen For 1948 Season

A banner baseball season for the Oak Ridge City League looms brightly as a result of a "hot stove" session held last Thursday at municipal recreation headquarters and attended by representatives of seven prospective amateur baseball teams. Expressed hopes for a well-balanced and the strongest loop in Oak Ridge sports history were based on assurances by the City Manager's office that adequate facilities would be provided for the 1948 season.

Attending the meeting were Al Burris, Recreation Supervisor for K-25; Owen Elliot, representing Raymond C. Mason Post No. 6351,

Veterans of Foreign Wars; Harold Mate, Recreation Supervisor at X-10; Glenn Ballew, representing the Community Stores; Arnold Tiller, Y-12 Recreation Supervisor; Roland Murphy, representing Atomic City Post, No. 199, American Legion; and Bill Mills, Recreation Supervisor for Roane-Anderson.

A spokesman for the group said there was a possibility of the Oak Ridge Motors fielding a team and making the loop an eight-team circuit.

Did you leave that tool on the floor?

## SPORTS

### City Cage Loop Plans Tourney For Second Half

Both Y-12 and K-25 laid justifiable claim to the City Recreation Basketball League's first half title when each team, as predicted, came through with easy wins in the final games played Monday night, February 16. The top spot share-holders, each with eight wins against one loss, met last night at the Linden gymnasium in a single playoff contest.

Second half schedule in the City Recreation Basketball League will be arranged tomorrow night at a meeting set for 8 o'clock at the Linden gymnasium between team managers and Carl Yearwood, athletic director of the City Recreation Department. Yearwood said that the second half schedule would be played in the form of a single elimination tournament.

Y-12's final game in the first half was with the Skidmore, Owens and Merrill Celtics and resulted in a lopsided score of 45 to 23 in favor of the Tiller Toilers. K-25's finale was a 54-26 win over the Junior Chamber of Commerce aggregation.

### D Area Loop Pin Teams Remain In Same Positions

New pins at the Jefferson Alleys still cling rather steadfastly to upright positions and bowlers in the D Area League are having trouble staving off deflation of averages. Although all positions remained status quo in loop standings, the top riding Strikers hitched up a few more reinforcing points by taking three from the second place Wood Choppers.

Doug Lavers, of the Splinters, rolled last Tuesday night's high for handicap series with a mark of 635. His scratch three-game total was 515. Phil Rueff, Termites, hit tops for scratch series with a 531. Warren Grimes, Old Men, was runnerup with 525. Rolling 200 games were George Mitchell, Splinters, with a 242; Rueff, 212; and Grimes, 210.

The D Area schedule for tonight at the Jefferson matches the Strikers vs Wood Choppers, Calutrons vs Termites, Scotties vs Splinters, and Overheads vs Old Men.

League standing follows:

Team	W	L	Team	W	L
Strikers	27	7	Scotties	13	15
W. Choppers	16	12	Overheads	11	17
Calutrons	15	13	Splinters	11	17
Termites	15	13	Old Men	10	18

How did Solomon ever fall asleep with the thousand or so things he had on his mind?