

CREDIT UNION TO ELECT OFFICERS FRIDAY

Group Insurance Pays \$49,154.27 To Y-12ers In '50

All Carbide Facilities Divide \$402,567.16 In Benefits Under Plan

Employees of Y-12 received \$49,154.27 in Carbide Group Insurance benefits during 1950, according to a report of disbursements for last year made by the Carbide Insurance Department. This represented payments on 572 claims made during the year.

During 1950 Carbide employees in the three Oak Ridge units of the Company were paid a total of \$402,567.16 under benefits of the Carbide Group Insurance. This is in addition to the sum of \$125,068.24 returned to employees of the Oak Ridge facilities in the form of dividends last March.

Total Payments \$527,635.40

The benefits and dividends paid during 1950 bring the total amount returned to employees participating in the Carbide Group Insurance Plan to \$527,635.40.

A breakdown of disbursements at Y-12 shows that \$42,382.27 was paid in health and accident benefits, \$2,772 in total and permanent disability benefits and \$4,000 in death benefits to a survivor of an employee.

The \$4,000 death benefit was paid out in 1950 for the death of an employee in 1949 as a result of an automobile accident off the area. There were no deaths listed in Y-12 during 1950.

K-25 Employees Get Most

Of the total of \$402,567.16 paid Carbide employees as Group Insurance benefits during 1950, K-25 employees received the largest amount, a total of \$248,818.10. Oak Ridge National Laboratory employees received \$104,594.79 in benefits.

Apparently Carbide employees were in better health during 1950 than in the previous year, because the Group Insurance Plan disbursements for 1950 fell below those of 1949 when \$459,305.85 was paid out to employees in the three Oak Ridge units. In 1949 Y-12ers received \$63,508.68 under 574 claims with \$45,204.68 being paid for health and accident claims, \$2,304 for two total and permanent disability cases and \$16,000 disbursed for three death claims.

Notre Dame Man To Speak At Physics Seminar Meet

D. L. Falkoff, of the University of Notre Dame, will speak at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, January 2, in the East Lounge of the Ridge Recreation Hall. His topic will be "Nuclear Spins and Angular Correlations" Y-12 technical and scientific personnel interested in the subject are invited to attend.



6-2263 Y-12 Photo By Vince Moore
LARRY PARSONS, RIGHT, OF THE Y-12 ELECTROMAGNETIC RESEARCH DIVISION, IS SHOWING OFF SOUVENIRS SENT HOME BY HIS SON, Pfc. JACK PARSONS, USMC, FROM KOREA. FROM LEFT ARE RUTH JONES, HELEN MCNEW AND AUDREY BRADEN. OTHER CLOSEUP PICTURES OF THE ARTICLES ARE SHOWN ON PAGE FOUR.

Pfc. Jack Parsons Still Safe In Korea -- Writes To Y-12 Dad

Communications Technician In Thick Of Action; Grabs Rifle In Rescue; Sends Souvenirs Home

Among the proud—and sometimes anxious—Y-12 fathers of sons in service is Larry Parsons, of the Electromagnetic Research Division. Larry has two sons in uniform—Jack, 19, a private first class in the United States Marine Corps; and Larry Jim, a sergeant in the 194th Combat Engineers, Tennessee National Guard, the Oak Ridge unit now in training at Ft. Lewis, Wash.

Pfc. Jack Parsons is in Korea and has been since last August as a communications technician with the First Marine Division that has seen action on all fronts in the war-torn Oriental country. He was assigned to the Fifth Regiment of the division and his travels in Korea should qualify him as a tour conductor of that little nation. Newsworthy spots such as Pusan, Inchon, the Chosun Reservoir and Hungnan all have been visited by the young Marine.

Last Letter Dated Christmas

In his last letter home, dated Christmas Day, Pfc. Parsons was

in a "so-called rest camp" in South Korea. There the Marines had their first shower baths in months—and the traditional service Christmas dinner with turkey and trimmings.

So far—despite being in the thick of operations and serving as rifleman at times—Pfc. Parsons has luckily escaped without a scratch or injury. At least, that is what he has told his folks in frequent letters back home.

Jack Parsons landed in Korea last August and participated in the action that saw the Allies

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Biggest Shipment By Volume Of Y-12 Produced Stable Isotopes Made In December, 51,424 Milligrams (.11 Pounds) Of Lithium 7

The largest single consignment of stable isotopes in volume, produced by the Y-12 Isotope Research and Production Division, to be dispatched in any one month was shipped during December, records of the division reveal. It was a shipment of 35,811 milligrams of Lithium 7 sent to the Argonne National Laboratory at Chicago and with two other shipments of the same kind of isotopes of 5,444.3 and 10,169 milligrams respectively to the same laboratory brought the total to 51,424 milligrams—which, incidentally, is .11 pounds.

The December shipments of stable isotopes from Y-12 during

December totaled 28, going to eight different institutions. The Brookhaven National Laboratory received eight of the consignments and the Oak Ridge National Laboratory seven. Other laboratories receiving shipments were Baird Associates, Inc., University of Indiana, University of Michigan, Nuclear Laboratory of Harvard University and the Los Alamos Scientific Laboratory.

In addition to the big shipments made to Argonne, ORNL received 5,000 mgs. of Silicon 28, 4,900 mgs. of Strontium 88, 1,300 mgs. of Strontium 86, 3,000 mgs. each of Selenium 80 and 78, 2,000 mgs. of Selenium 76 and 180 mgs. of Samarium 144.

Financial Report For First Six Months Of Operations To Be Made; Attendance Of All Members Urged

President Phillips Cites Responsibility Of All Share Holders To Participate In Action Of Body; Organization Reported As "\$100,000 Business"

Election of a board of directors and members of two committees, a report on the financial condition of the organization for its first six months of operations and discussion of important matters pertaining to future activities will mark the first annual meeting of the Y-12 Employees' Credit Union Friday night. The meeting will be held at 8 o'clock in the Oak Ridge Junior Chamber of Commerce hall on the Turnpike.

Don Phillips, of the Materials Chemistry Division and president of the credit union, other officers and members of the board of directors have urged every one of the approximately 800 share holders and members of the organization to attend the meeting.

The president has promised an interesting and important agenda for the meeting, which, he declares, will not be drawn out.

"Your credit union board of directors," President Phillips declared, "has been hard at work to impress on the membership the importance of attending this meeting. Every member has an opportunity at this meeting to shape the policies of the credit union for the coming year and to elect members of their choice to the board and committees."

Is \$100,000 Business

"The credit union is an approximately \$100,000 business and participation in discussion of policies and procedures is of interest to every share holder. It is the responsibility and privilege of all members to constructively criticize the handling of their investments, which cannot be done by staying away from the meeting."

Treasurer Carl Cooper and Mrs. Lorena Causey, office clerk of the credit union, have been busy for the past several days and nights on the books of the organization preparing the first semi-annual report to present to the membership meeting Friday night. The figures are to be checked by the credit union supervisory committee before final submission.

Will Show Substantial Earnings

"We have been in business only six months," Treasurer Cooper

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Jet Fuels Is Topic Of Headlines Program

With jet propulsion rapidly being advanced for aircraft and weapons, the discussion to be held on the Headlines in Chemistry program over Oak Ridge Radio Station WATO Sunday night, January 28, will be of keen interest. The topic of the broadcast will be "Jet Fuel for Planes and Rockets" with Angus N. McDonald, of the NEPA Project of Fairchild Engine and Airplane Corporation, being the guest speaker.

The program will be aired from 9:15 p. m. to 9:30 p. m. and is sponsored by the East Tennessee Section of the American Chemical Society. Co-hosts on the program will be Warren Reysen, of Oak Ridge National Laboratory; and H. W. Behrman, of the Atomic Energy Commission.

McDonald will explain the difference between turbo-jet, ram-jet and rocket propulsion. Specific uses of each and the type of fuel required also will be described. The speaker then will tell of the different characteristics of each type of fuel, its availability and why each type is used for certain purposes.

W. D. Lavers Is Elected Secretary Of ASCE

Y-12 Area Superintendent W. D. Lavers has been elected vice president of the Oak Ridge Subsection of the American Society of Civil Engineers for 1951 and assumed the office at the first meeting of the year of the group last Thursday night at Ridge Recreation Hall. C. A. Budnik is president of the organization and H. E. Butcher is secretary for 1951.

SAFETY SCOREBOARD

Your Plant Has Operated
122 Days
Without A Lost Time Accident
Through January 21

The Bulletin

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Credit Union To Name New Officers Friday

Continued from Page 1
pointed out, "and with the capital and loans made now increasing rapidly the credit union is just now reaching the period where it can really show substantial earnings."

"There now are 800 Y-12 employees who are share holders in the credit union with a potential membership of 2,500. We hope to show all employees the investment value of shares in our credit union as well as the ease with which loans can be made and repaid at low interest. With new share holders coming in steadily the Y-12 credit union should become increasingly attractive as a medium of investment for everyone."

\$40,000 Loaned In December
The treasurer estimated that approximately \$20,000 per month is received by the organization through payroll deductions for purchase of shares and repayment of loans. He also pointed out that through November, 1950, a total of 381 loans had been made, totaling \$50,110.17 while in December the amount of loans alone jumped an approximate \$40,000.

Although a slate of candidates for membership on the board of directors and two committees has been prepared by a nominating committee, present officers of the credit union stress the fact that nominations for these posts can be made from the floor by any share holder in the organization. The nominating committee was headed by Leon O. Love, of the Isotope Research and Production Division, and was appointed by President Phillips with the view of having employees from throughout the entire plant give their recommendations.

Cross Section Of Plant

The candidates proposed by the nominating committee, as a result, represent a cross section of the plant personnel with representation from many different departments and locations in the area.

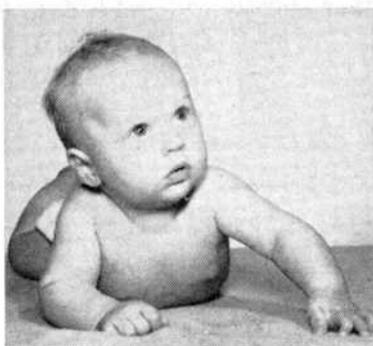
Seven positions are to be filled on the board of directors and the nominating committee has proposed 10 candidates from which to choose. Seven candidates were proposed for the five positions on the credit committee and three for the three positions on the supervisory committee.

Nominees Are Listed

Nominees for the board of directors are J. P. Blakely, Materials Chemistry Division; C. A. Cooper, Wage Standards; P. C. Dabbs, Guard Department; Chester Estes, General Maintenance Office; W. H. Hoose, Product Chemical; K. O. Johnson, Materials Chemistry Division; Trasda Joiner, Wage Standards; E. W. Means, Electrical Maintenance; Don Phillips, Materials Chemistry Division; and Joe L. Williams, Isotope Research and Production Division.

Proposed for membership on the Credit Committee are Lewis Childs, Electromagnetic Research Division; Gordon Fielden, Electrical Maintenance; Paschal Hamrick, Employee Relations; C. O. Johnson, Maintenance Shops; W. R. McGill, Fire Department; George L. Stukenbroeker, Isotope Research and Production; and C. D. Susano, Analytical Chemistry Division.

Nominated for supervisory com-



"Where's your driving license, bud?"



"Well, you see I just left my badge at home in my other suit."

No infringement on a nationally circulated newspaper feature on baby pictures and talk is meant—but we just couldn't resist these pictures of Margaret O'Neal's husky three-month-old son, Ernest Maurice, a 14-pounder, with appropriate captions. Perhaps they could be titled "Youthful Yakity Yak. Margaret O'Neal is in the Security Department and is one of Y-12's better women bowlers. The attractive pictures were made by John Ramsey, also a Y-12 employee.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: William G. Vann, Stores; Abe L. Snapp, Maintenance Shops; Joe R. Patton, Isotope Research and Production; Paul C. Grubb, Field Maintenance; M. Carl Becker, Plant Engineering; Kenneth E. Caughron, Utilities Maintenance; and Betty J. Sherman, Analytical Laboratory.

Good Eating

Recipe Recommended By
Good Housekeeping Magazine

VEGETABLES DE LUXE

One can condensed cream of celery soup, one-half cup of milk, one cup of grated American Cheddar cheese, minced parsley.

Empty undiluted soup into medium size saucepan. Stir in milk and cheese, heat until cheese melts, stirring constantly. Pour over any of the following vegetables, cooked just tender crisp—two bunches of carrots, cut up; one pound trimmed green beans, one package frozen lima beans.

Sprinkle with minced parsley. Makes four servings.

It is so with our life; it, too, is composed of little things. Our time upon the earth is measured in minutes and seconds. The work we do is made up of a series of small actions, whether we are building a bridge or cooking a dinner. When we travel we proceed one mile at a time, no matter what is our rate of speed.

Committee membership are Ward Foster, Research and Development; Clarence Johnson, Safety; and Nelson Tibbatts, General Maintenance Office.

Guards Hold Fast In Attendance List

The Guard Department maintained its place at the top of the attendance standings in the Major League for the second consecutive week when for the seven-day period ending January 14 it had the lowest percentage of absenteeism in the group. The Guards' record for the most recent reporting period was .3 per cent. Second place in the Major League went to Electrical Maintenance with an absentee record of one per cent while in third place was Maintenance Shops with 1.5 per cent of its personnel absent. The latter two departments advanced from sixth and fifth places held the preceding week.

Plant Record Improves

Although only five Minor League departments reported perfect attendance marks for the week ending January 14 as against seven the previous week, the plant absentee mark for the week dropped .1 per cent to 2.5 per cent.

The five departments in the Minor League with "all present" marks all were repeaters from the preceding week. They were Property Sales, General Maintenance Office, Superintendents, Medical and Employee Relations.

Two Departments Advance

Second place in the Minor League went to Receiving and Shipping with an absentee mark of .7 per cent and which was in fourth place the previous week. In third place was Health Physics and Hygiene, advancing from fifth place, with an even one per cent of absenteeism.

The plant-wide absentee record for the week ending January 14, by departments, follows:

Dept.	MAJOR LEAGUE	
	More Than 50 Employees Scheduled	Percentage Absent
2091	0.3	1-14-51
2077	1.0	1-7-51
2003	1.5	2
2015	1.8	3
2616	2.1	4
2283	2.5	5
2619	3.4	6
2014	4.2	7
2282	4.5	8
2142	5.3	9
		10

Group absentee percentage was 2.3 per cent, .3 per cent lower than the preceding week.

Dept.	MINOR LEAGUE	
	15-19 Employees Scheduled	Percentage Absent
2145	0.0	1-14-51
2002	0.0	1-7-51
2200	0.0	1
2090	0.0	1
2109	0.0	1
2143	0.7	2
2108	1.0	3
2018	1.1	4
2133	1.4	5
2008	2.4	6
2107	2.7	7
2743	2.9	8
2001	3.6	9
2096	4.0	10
2739	4.1	11
2046	4.2	12
2140	6.5	13
2005	7.0	14
2064	7.8	15
2060	8.5	16

Group absentee percentage was 3.1 per cent, .4 per cent higher than the preceding week.

The plant average for the week ending January 14 was 2.5 per cent, .1 per cent lower than the preceding week.

Henderson Among Five Cited For 'Young Man Of The Year'

Cliff Henderson, chief safety engineer of Y-12, is among the five nominees for "Young Man Of The Year" in Oak Ridge for 1950. The announcement of the nominees was made last week by Leo F. Hemphill, also of Y-12, who won the honor in 1948.

Henderson was cited for general civic activities, including campaigns for the March of Dimes, Community Chest, Red Cross and Holiday Bureau.

Other nominees include Dr. Alvin M. Weinberg, of Oak Ridge National Laboratory who also has been cited as one of the leading 10 young men of the year in the country; Harry E. Carper, of K-25; George C. Warlick, of ORNL and a former Y-12er; and Harry C. Weaver, an Oak Ridge business man.



6-2261

Y-12 Photo By Vince Moore

MRS. FRED R. SEXTON, WIFE OF A Y-12ER, IS THE NEW president of the Carbide Wives, composed of wives of Carbide employees at the three Oak Ridge units of the Company. She and other officers and members of the board of directors of the organization to serve this year are shown above, with the Company unit in which their husbands are employed given after the names. Seated, from left are Mrs. S. D. Holsey, treasurer, K-25; Mrs. Sexton and Mrs. John Turner, secretary, Oak Ridge National Laboratory. Standing from left are Mesdames Howard Shoptaw, K-25; Harry Walker, ORNL; George Stukenbroeker, Y-12; Raymond Koteski, K-25; and John Mahoney, K-25. Mesdames Turner, Shoptaw, Stukenbroeker and Koteski are new members of the board this year.



There are a lot of new folks in Y-12 these days and for those few who might not yet know all about The Bulletin—it is YOUR newspaper. It is aimed at being both instructive and entertaining. The Bulletin needs your support and needs your help. If you have any ideas for news stories or have news of fellow employees that will be of interest to others—pass it along to The Bulletin staff.

While speaking of new employees—and this ain't corny, neither—let's all of us who have been fortunate enough to have been here for a longer period of time extend the hand of friendship to every one of the newcomers—make them welcome and happy as members of the Y-12 family.

The Medical Department welcomes Rosa Lee Miller and Henry Chambers to the roster.

The Analytical Laboratory welcomes Colleen Lockmiller back to work after a recent illness. Also a welcome is handed out to Wanda Anderson, Ida Bell Jackson, Virginia Billingsley and Frank Wright, who have been added to the roster. . . . Get-well wishes are extended to Deborah Hubbs. . . . "Arkie" Jamison was at his home in Little Rock, Ark., over the New Year holidays. . . . The friends and co-workers of Daisy Ward were sorry to hear about the loss of her home in Arkansas, which was destroyed by fire one night last week.

Ed Long, of the Health Physics and Hygiene Department, and his friend, Jack Bailey, of K-25, spent the week end visiting relatives in Athens, Ga. They flew down and back in Ed's plane, a Cessna.

The Plant Engineering Department welcomes John Powell Smith to the roster; and welcome back to Tom Andress, who has been on the sick list.

Carl Cogdill, of the Guard Department, has returned from a two-week vacation. . . . M. F. McPherson attended the wedding of his niece last week end in Jacksonville, Fla.

Boyd Weaver, of the Isotope Research and Production Division, was at the Brockhaven National Laboratory, N. Y., on a business trip last week.

J. R. Martin, of the Chemical Department, spent a week of vacation at his home in Rockwood. . . . The department welcomes R. H. Young back on the job after a brief absence.

The Receiving and Shipping Department welcomes Melba Pitt-

man to the roster. Also get-well wishes are extended to Paul Snodgrass.

The Stores Department is glad to have Grace Meek, from the K-25 Stores Department working with the group for awhile.

A week end in Chattanooga was recently enjoyed by Mary Barnes, of Health Physics and Hygiene, and Jeanne Rogers, of the Analytical Division.

What might have been described as a slight case of pandemonium reigned one day last week in the comparative peace and quiet (?) of the Badge and Pass Office. Without hands, yet one of the telephone notification buzzers began a long and anguished wailing with no apparent reason. Nobody was pushing a button and everyone was scurrying around to pick up telephone receivers only to be met by the monotonous dial tone—a true noise without music.

Then, next door a well-known Y-12er who had been lolling (that's a good word) against a wall, suddenly decided to stand erect. The buzzing stopped after one last grunt—and Nelson Tibbatts went his innocent way, little knowing of the alarm he had unwittingly caused.



Only one Y-12er was listed as a parent of babies born at the Oak Ridge Hospital last week. He was Thomas W. Powell, of Product Chemical, who became father of a boy born January 15.

Bobby Pins Patented With Rubber Tips

Girls and women who find it necessary to pin up their hair in curls every night will have some new equipment to work with, it is announced by the National Patent Council. Recently patented is a rubber-tipped bobby pin that is said to be an added protection to the hair, scalp and nails. For those who prefer the tooth method of prying open the pins the new invention should be an added safety factor for the molars.

Being right and doing right is the secret of feeling right.



6-2260

Y-12 Photo By Vince Moore

THE CRACKER JAX TEAM OF THE W LEAGUE HAS just pulled a prize out of the box—their ninth straight win in the second half of the season to gain a tie for first place. From left standing are Helen Hicks and Mary Ballard while seated are Virginia Hill, team captain; Katie Sells and Alta Lowe.

Cards Play Lab Tonight, Clinton Tuesday, Robins Travel; Rec. Loop Opens Last Half

The Y-12 Cardinals will take to the hardwood of the new gymnasium of Jefferson Junior High School at 8:30 o'clock tonight against the Oak Ridge National Laboratory Nats in an Oak Ridge City League game to seek revenge over an earlier defeat by the Labsters. A respite from league play then will be enjoyed until Tuesday, January 30, when the Y-12 cagers will play Clinton at the same place and time. On the following night, Thursday, December 31, the Cards clash with the Vagabonds on the 7 o'clock spot on the card.

Robins Go On Road

Meanwhile the Robins, Y-12's feminine basketeers, will travel out to Carter High School in Knox County Thursday night of this week to meet the Bowerettes, of Knoxville. This should be a close scrap. Then on February 4 the Robins will flit over to Nashville for a return game with the Nashville Business College, whom they played here last Sunday.

The Recreation League of Class B teams, in which three Y-12 quints perform, opened the second half of its season last Thursday night. The Speckled Birds of Y-12 finished third in the first half of the schedule with the Guards and Pick Ups, also of Y-12, tied for last place.

Loop Opens Second Half

The Recreation League schedule for the coming week will see the Y-12 Pick Ups battle the ORNL Snow Birds in the 9 o'clock game Thursday night of this week, at the old Jefferson gymnasium. On Friday night at the high school gymnasium the Guards play AEC at 8 o'clock and the Speckled Birds tackle the K-25 Little Blues one hour later. Next Tuesday night back at Jefferson the star attraction of the week will see the Guards and Speckled Birds clash at 7 p. m. and the Pick Ups and ORNL Red Birds will fight it out at 9 a. m.

The complete schedule for the remainder of the second half of the season in the Recreation League is published elsewhere in this issue of The Bulletin.

Cardinals Show Improvement

The Cards showed some improvement last Friday night but lost their second league game of the week when the Clinton cagers nosed out a 50 to 45 victory. Earlier in the week the Cards lost to K-25 by 48 to 33. The Robins beat the NEPA lassies in a preliminary game by 32 to 18.

Both the Cards and Robins had good nights Saturday when the Y-12ers took a double header from Jonesboro basketeers. The Robins took a 41 to 30 decision and the men won by 50 to 45.

A fine exhibition of women's basketball was staged Sunday afternoon by the Nashville Business College team, one of the best in the South, in trimming the Robins by 50 to 29. The Y-12 girls played a good brand of basketball but were unable to cope with the skill of their opponents.

Official standing of the Recrea-

Kemps, Cracker Jax Make Clean Sweep In W Loop Action

The Kemps and Cracker Jax seem to be starting a runaway race in the second half of the W League of women plant bowlers, both teams extending their league leads last week with three game sweeps from the Controllers and Hi Balls, respectively. The Strickettes took two out of three games from the Woes, first half winners, in the other engagement last week at the Central alleys.

The undefeated first place teams, each with nine wins and no losses, shared team scoring honors for the night. The Kemps had the best scratch scores with a 643 game and 1,882 series, second high for the period. The Cracker Jax posted a 923 handicap game and 2,660 handicap series.

Although on a losing team for the night, Kay Orton, of the Hi Balls, had the best single game of the night, a 155 scratch boosted to 221 with handicap. Margaret O'Neal, bowling for the Kemps, banged out a 431 scratch and 575 handicap series.

League standing follows:

Team	W	L	Team	W	L
Kemps	9	0	Controllers	4	5
Cracker Jax	9	0	Strickettes	2	7
Woes	4	5	Hi Balls	1	8

'Prestone' Anti-Freeze Aids Many Explorers

"Prestone" anti-freeze, a product of Union Carbide and Carbon Corporation, has accompanied many famous explorers. It was used in the Martin Johnson expedition through darkest Africa, the Byrd expeditions to Little America and by the Roy Chapman Andrews expedition to the Gobi Desert. When Trans-Africa Safari, Inc., blazed the first diagonal trail from Algiers across the heart of the continent to Nairobi, they used "Prestone" anti-freeze. Despite the fact that the temperature sometimes dropped as much as 120 degrees in 24 hours, the "Prestone" anti-freeze at the end of the 11,000 mile trek was clear and clean and not a cup had been lost.

tion League teams at the end of the first half of the season follows:

Team	W	L	Team	W	L
AEC	7	1	Snow Birds	3	5
Little Blues	7	1	Red Birds	2	6
Speckled Birds	6	2	Guards	1	7
Barber Buick	5	3	Pick Ups	1	7
Plexies	4	4			

MAYBE THE PINS WERE BOLTED TO FLOOR

What is believed to be a record of some kind or another was set by the Splinters and Strikers, a couple of teams in the D League, in the weekly session of the league last week. In their six games the two keglers outfits managed to turn in a total of 51 splits between them. The feat sent some of the figuring fellows to work to estimate that the average number of splits in such a series is a maximum of 18.

D League Tailenders Triumph Over Leaders

Tail end teams in the D League of plant bowlers staged a vigorous uprising against top ranking keglers outfits last week, considerably tightening the league standings. The lowly Toppers, without a single win in the second half of the season prior to the alley activities last week, rose up to smite the first-place Isotopes for three points. Similar victories were taken by the Old Men over the Angstroms and the Strikers over the Splinters. The Pick Ups jumped from the second division to a tie for second place by blasting the Cermets by the same margin.

The Strikers, returning to the form that carried them to the first half of the season title, led in three classes of team scoring for the night. They had an 858 scratch game, 974 handicap game and 2,428 scratch series. The Old Men came through with the top handicap series with 2,796.

Ed Sise, rolling for the Pick Ups, had the top scratch scores of the session with a 203 game and 532 series. C. W. Sheridan, of the Isotopes, got handicap game honors with 234 and Bill Davis, an Old Man, rolled a 623 handicap series.

League standing follows:

Team	W	L	Team	W	L
Isotopes	9	3	Splinters	6	6
Angstroms	7	5	Strikers	6	6
Pick Ups	7	5	Old Men	4	8
Cermets	6	6	Toppers	3	9

Women Bowlers Beat Mims; Carbide Teams Well Bunched

The Y-12 women's varsity bowling team got away to a good start in the second half of the season play in the Oak Ridge City League by beating the Mims lassies by two out of three games. The Y-12ers took the first game by 755 to 695 and after losing the second by 101 pins, 788 to 687, rallied to cop the finale by 720 to 633 and end up with a total of 2,162 to 2,116 for their opponents.

The Y-12 individual scoring was well bunched with Juanita Reed turning in 183, 144, 129—456; Olyne Kappelmann 157, 131, 164—452; Oradean Upchurch 169, 148, 130—447; Ruth Law 106, 142, 156—404; and Katie Williams 140, 122, 141—403.

The Y-12ers finished the first half of the season in a triple tie with keglers of K-25 and Oak Ridge National Laboratory. The official averages for the first half of the season show the finish of the three Carbide teams to be right on the nose from the standpoint of scoring. The Y-12ers and K-25 had game averages of 696 with ORNL just one behind with 695.

MANY ALLOYS PRODUCED

Alloy steels provide eight per cent of the total steel production. More than 50 alloys and metals are produced by the Electro Metallurgical Division of Union Carbide.

In 1936, consumers spent over \$800,000,000 for cosmetics and allied products. Many of these cosmetics used organic chemicals.

Y-12ers Blast Birds At ORNL For 7-4 Win

It was an open season on birds for the Y-12 badminton team last Thursday night against the Oak Ridge National Laboratory battledore and shuttlecock players with the charges of Capt. Mal Wallis firing the feathered missiles all over the place with accuracy and determination to gain a 7 to 4 triumph. The victory gave the Y-12ers the championship for the first half of the season and it was the second win in two encounters for Y-12 against the dethroned champions who had reigned for years and years in Oak Ridge circles.

For the victors it was a case of the female being more deadly than the male in the engagement last week for the majority of the wins turned in were by the women players alone or in combinations.

ORNL took three out of four men's singles, the lone victory for Y-12 being turned in by Fred Hurst over Silverman, 15-3, 15-13. Lane beat Mal Wallis 15-11, 15-8; Higgins trimmed Tony Vallado 15-10, 17-16; and Hylton defeated Pres Hill 14-17, 15-11 and 15-5.

From there on out it was all Y-12. In men's doubles Wallis and Hurst beat Lane and Silverman 17-14, 9-15 and 15-5. Hill and Spence Wallace beat Higgins and Hylton 15-7, 15-10.

Y-12ers made a clean sweep in women's singles. Lorraine Vallado defeated Vaughn 11-6, 13-12. Jean Hurst walloped Gray 11-3, 11-8. In women's doubles Marge Wallace and Lorraine Vallado licked Vaughn and Casey 15-7, 15-4. In mixed doubles Vallado and Vallado beat Silverman and Vaughn 18-13, 15-7. ORNL got their final win when Lane and Gray beat Hurst and Hurst, 15-6, 15-10.

The Y-12ers will open the second half of the season Thursday night of this week against Fairchild.

Three Clean Sweeps Made By B Keglers

Three whitewash wins were turned in by teams in the B League of plant keglers last Thursday night while three other matches were decided by a margin of three points. The Wolves increased their lead by one point over the Rippers as they blanked the Bumpers while the Bums lost three to the second place outfit. The other clean sweeps were made by the Head Pins over the Wasps and Comets over Maintenance. The Tigers took One-91 for three and the Cubs conked the All Stars by the same margin.

Harold Ratjen helped the Head Pins to their triumph by having the best single games of the night, 220 scratch and 249 with handicap. Frank Gragg, of the Wolves, came through with a 560 scratch series and Bill Freels helped the Tigers with a 629 handicap series, both being tops for the session.

The Head Pins had the top handicap scores of the night with a 1,016 game and 2,945 series. The best scratch game was a 863 by the Rippers while a 2,508 scratch series by the Comets was tops.

League standing follows:

Team	W	L	Team	W	L
Wolves	24	8	Bums	15	17
Rippers	22	10	Tigers	15	17
All Stars	20	12	One-91	13	19
Head Pins	18	14	Cubs	13	19
Comets	18	14	Bumpers	10	22
Wasps	15	17	Maintenance	9	23

LIGHTS BY LINDE

Linde Air Products Co. krypton was used to furnish landing lights for the Berlin airlift at Templehof Airdrome and also at Idlewild Airport in New York City.

'MIGHTY MITE' MAKES ANOTHER UNIQUE MARK

Grandpa Harold J. (The Mighty Mite) of Y-12 bowling has a penchant for the unusual on the alleys. Back in October he established what probably is all-time topsy-turvy record with consecutive scratch games of a skimpy 114 and then a mighty 246. Just to keep his hand in out of the ordinary action while bowling for the Waifs in the Oak Ridge City League last week (against Y-12) he posted the unusual sequence scores of 172, 173 and 174—getting better every time out. Sequence scores in bowling are considered about as rare as an atomic bomb in Athens.

Orphans, S. Circuits Tie For C Loop Lead

The Orphans and Short Circuits, fourth and fifth place teams in the C League prior to last Wednesday night's bowling activities, made life miserable for the Hooks and Thin Pins with thumping victories with the victors advancing to a tie for first place. The Hurricanes, also one of the top teams the preceding week, took a four-point pasting from the Guards and the lowly Hornets in last place, stung the Moles by the same margin to force the losers to bury themselves in the cellar.

A blanket could cover the first six teams in the league standings after the action last week. Tied for second place right behind the leaders are the Thin Pins and Hooks while the Guards and Hurricanes also are knotted just a point back.

The Orphans, taking three points from the Thin Pins, led the bunch in team scoring all the way. They posted an 824 scratch game, boosted to 983 with handicap; had a 2,358 scratch series and 2,835 handicap series. Their series scores were tops for the season. In their victory and advance to a tie for first place the Short Circuits threw a four-point whitewash onto the Hooks, the previous loop leaders.

Nelson Tibbatts, of the Orphans, had the best single games of the night, a 199 scratch and 232 handicap effort. Joe Dunlap, another Orphan, rolled a 509 scratch series but handicap series honors went to Reuben P. Wallace, Jr., of the Guards, who came through with a 636.

League standing follows:

Team	W	L	Team	W	L
Orphans	10	6	Guards	8	8
Short Circuits	10	6	Hurricanes	8	8
Thin Pins	9	7	Hornets	6	10
Hooks	9	7	Moles	4	12

Y-12ers Get Second Straight Whitewash Win; Gragg Is Tops

The Y-12 men's varsity bowling team continued their torrid streak in the Oak Ridge City League Monday night, January 15, with their second straight whitewash win. The victims were the Weglicki Waifs and the triumph placed Y-12 definitely in the league lead.

Again it was Frank Gragg who paced the Y-12ers to their victory with scores of 179, 165, 199—543; followed by Conrad Roberts 198, 162, 151—514; Walt Sherrod 195, 166, 142—503; Nelson Tibbatts 153, 175, 169—497; and Elmore Koons 146, 193, 136—474.

MANY HOLD STOCK IN UCC

More than 92,000 persons now own stock in Union Carbide and Carbon Corporation. In 1917 there were 3,652 stockholders.

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Former Y-12er Joslin Is Home On Leave From Keesler Field

Jack Joslin, 21, formerly of the Y-12 Field Maintenance Department, returned to Oak Ridge last week on a 10-day leave from Keesler Field, Miss., where he is with the United States Air Force. He is visiting his parents, John R. Joslin, also a Y-12er in Electrical Maintenance, and Mrs. Joslin, at their home 197 Manhattan Road. He paid a visit to friends in the plant area last Thursday afternoon.



Jack Joslin enlisted in the Air Force in Knoxville, November 13, 1950, and was first sent to Lackland Field, near San Antonio, Tex. From there he was sent to Shepherd Field, Wichita Falls, Tex., and from there to Keesler Field, which is near Biloxi, Miss.

Taking Electronics Course
 At Keesler Field the former Y-12er is enrolled in a school of electronic fundamentals, which can lead to work in radar or other electronic fields. The course, which he began at Keesler Field shortly after arrival there, lasts for 36 weeks and top members of the class will be given another 22-week course in advanced electronics.

The surge of young Americans to enlist in the Air Force has packed and jammed the Air Force facilities at training fields, Jack Joslin pointed out. At Keesler Field, one of the biggest during wartime but reduced in size drastically after the war with accommodations for about 15,000 men, now has around 30,000 men stationed there. Lackland Field, said to be one of the largest in the world, is using tents to house the hordes of recruits pouring into that post.

This big rush to the Air Force last week has resulted in enlistments in that branch of service being discontinued for the time being.

Will Return This Week
 Jack Joslin arrived in Oak Ridge Monday, January 15, and plans to leave early this week to return to Keesler Field. His first came to work in Y-12 on June 29, 1948, and left February 2, 1949, under a reduction in force. He was recalled to work June 12, 1950, remaining until his enlistment.

Expansion Programs Pushed At Four Carbide Plants

Expansion programs being carried on by Carbide in several different plants will result in increased facilities at four of the Company's plants.

At the main South Charleston plant expansion of facilities for the production of polyethylene and vinylite resins are scheduled for completion this summer. Also scheduled for completion this year are two units for production of ethylene oxide and ethylene glycol at the Institute, W. Va., plant as well as a gas separation unit.

Already completed at the Whit-

Second Half Schedule For Recreation Loop

- Thursday, January 25, Jefferson
 7 p. m., Barber Buick vs ORNL Red Birds. 8 p. m., Y-12 Guards vs AEC. 9 p. m., Y-12 Pick Ups vs ORNL Snow Birds.
- Friday, January 26, High School
 7 p. m., ORNL Red Birds vs ORNL Snow Birds. 8 p. m., AEC vs Plexies. 9 p. m., Little Blues vs Y-12 Speckled Birds.
- Tuesday, January 30, Jefferson
 7 p. m., Y-12 Speckled Birds vs Y-12 Guards. 8 p. m., AEC vs Little Blues. 9 p. m., Y-12 Pick Ups vs ORNL Red Birds.
- Thursday, February 1, Jefferson
 7 p. m., Y-12 Pick Ups vs Plexies. 8 p. m., ORNL Snow Birds vs AEC.
- Friday, February 2, High School
 7 p. m., Barber Buick vs Y-12 Speckled Birds. 8 p. m., Little Blues vs ORNL Snow Birds.
- Tuesday, February 6, Jefferson
 7 p. m., Little Blues vs ORNL Red Birds. 8 p. m., Y-12 Pick Ups vs Y-12 Guards. 9 p. m., Plexies vs Y-12 Speckled Birds.
- Thursday, February 8, Jefferson
 7 p. m., Y-12 Pick Ups vs AEC. 8 p. m., Plexies vs Y-12 Guards.
- Friday, February 9, High School
 7 p. m., ORNL Red Birds vs Y-12 Speckled Birds. 8 p. m., Barber Buick vs Little Blues.
- Tuesday, February 13, Jefferson
 7 p. m., ORNL Snow Birds vs Y-12 Guards. 8 p. m., ORNL Red Birds vs Plexies.
- Thursday, February 15, Jefferson
 7 p. m., Y-12 Speckled Birds vs Y-12 Pick Ups. 8 p. m., Barber Buick vs AEC.
- Friday, February 16, High School
 7 p. m., Little Blues vs Y-12 Guards. 8 p. m., Barber Buick vs ORNL Snow Birds.
- Tuesday, February 20, Jefferson
 7 p. m., Barber Buick vs Plexies. 8 p. m., Y-12 Guards vs ORNL Red Birds.

Turner Back From Meeting Of Firemen In Memphis

Dave Turner, engineer of the Y-12 Fire Prevention and Control Department, has returned from Memphis, Tenn., where he attended the 23rd annual meeting of the Fire Department Instructors Conference, January 9-12. He was one of some 900 instructors, fire chiefs, fire marshals, industrial fire protection supervisors and fire equipment manufacturing representatives from 38 states plus the District of Columbia and Canada, who met to exchange ideas and information on fire protection and fire prevention. The meeting is considered in fire protection circles as a high point of the year. This conference is sponsored jointly by the Fire Prevention Department of the Western Actuarial Bureau of Chicago and the Fire Department of the city of Memphis, the former organization represented by Richard E. Vernor, who was chairman of the conference.

During the four days of the conference, talks and demonstrations were given on every phase of fire protection and fire prevention. Of special interest this year were panel discussions on civil defense and atom bombing.

The eighty-foot stainless steel weather vane which was installed at the opening of the New York World's Fair in 1939, is still bright and shining and shows no effects of weathering.

ing, Ind., plant are a new steam power plant, two oxide units and one glycol unit, finished late last year. Out at Texas City, Tex., approval has been granted for an addition of a butadiene refining unit and an eighth boiler in the power house.



THIS IS PRIVATE FIRST CLASS JACK PARSONS, SON OF LARRY PARSONS, OF Y-12, SHOWN IN MARINE CORPS DRESS UNIFORM BEFORE BEING SENT TO KOREA LAST SUMMER.

Pfc. J. Parsons Safe In Korea; Writes To Dad

Continued from Page 1
 break out of the Pusan noose drawn by the Korean Reds. In the rapid regrouping of United Nations forces the Marine division next was heard from in the amphibious landing at Inchon. In this operation Pfc. Jack Parsons was at various times assigned to units at the Kimp'o Airport and then at Seoul in his capacity of a communications technician.

Drove To Chosun Reservoir
 Then came another ocean trip around the peninsula from the West Coast to the East Coast and another amphibious landing at Wonsan from where the Marines launched their drive up through North Korea to the Chosun Reservoir—the advance by the Allies that is reputed to have brought the Chinese Communists into the conflict with the resultant Allied "withdrawal" from above the 38th Parallel.

After about a month around the reservoir the Marines began their sorrowful march southward—under pressure from the Chinese. If things had been rough before—they really got bad in this maneuvering, according to Pfc. Parsons' letters.

Technicians Made Riflemen
 The Fifth and Seventh Regiments of the First Marine Division got into trouble in the "withdrawal"—being outnumbered and hampered by terrain and cold weather—it was 26 degrees below zero at times. To aid these units every available Marine who could carry a rifle—including Pfc. Parsons and other technicians of all kinds—were made riflemen and flown in to aid their buddies of the Fifth and Seventh.

This action took two weeks of fighting, day and night, before the Marines at last battled their way back to the East Coast of Korea and the port of Hungnan. From there the leathernecks and other Allied troops were successfully evacuated.

Then came the voyage back to South Korea—and the welcomed



THIS IS AN ILLUSTRATED LETTER FROM A KOREAN farmer to his son in the North Korean army. The rough drawing is supposed to depict the farmer and his family endeavoring to scare the American eagle away from the North Korean flag.



SAFE CONDUCT PASSES ISSUED BY THE UNITED NATIONS forces in Korea are shown here. On the reverse of the pass, right, are instructions to enemy troops how to surrender to the Allies by coming along main roads with their hands in the air. The Korean Reds were promised they would safely be conducted behind the Allied lines and receive food, clothing and medical care. Thousands of the North Koreans took advantage of the offer during their original retreat northward from Pusan.

"so-called rest camp" described by the young Marine in his Christmas letter to his dad here.

Larry Parsons declared that the frequent letters from his son in Korea have been coming through speedily. Service mail is sent free for men in uniform and dispatched by air to the United States with only five to seven days required for a letter to reach Oak Ridge from Korea. The letters have been entirely uncensored, Larry Parsons said, with men apparently being trusted not to reveal any information about future plans for them.

Sgt. Larry Jim Parsons has been in Ft. Lewis, Wash., in training since last September with the Oak Ridge unit that contains several former Y-12 employees and members of Y-12 families. Sergeant Parsons was home for the Christmas holidays for a visit with his parents.

Souvenirs Sent Home
 In addition to his letters from Korea, Pfc. Jack Parsons has sent a number of souvenirs to his parents. Among them are a beautiful hand-painted silk handkerchief, a "safe conduct" pass for North Koreans offering them a haven behind the Allied lines and a letter from a Korean farmer to his son telling of work on the farm while the son was fighting. The texts of the letter and instructions to North Koreans on the "safe conduct" pass were transplanted for Larry Parsons by a Dr. Lee, Minister of Labor for the Republic of South Korea who was a visitor at the University of Tennessee last autumn while on a tour of the United States to inspect labor conditions for his government—which at that time appeared to have the upper hand in the strife.

New Bandage Patented For Knee Injuries

The National Patent Council has announced that victims of football and other sports casualties will be interested to know that a patent has just been issued to James E. Murphy, North Tiverton, R. I., for a new type of bandage to be used for cartilage injuries. The bandage is said to be particularly effective for knee injuries. It employs discs that partially rotate as the knee joint is articulated.



FAWNCY THIS HAND painting on a fine white silk handkerchief. The handkerchief was obtained in Seoul by Pfc. Jack Parsons.

Traffic Fatalities In 1950 Show Increase Over 1949

Accidents claimed approximately 89,000 lives in the United States during 1950, according to estimates made by Metropolitan Life Insurance Co. statisticians. This is about the same number as in 1949.

Fatalities in motor vehicle accidents, however, increased from 31,500 to about 35,000 in 1950. These accidents accounted for 40 per cent of all fatal mishaps for the year.

Accidents in and about the home caused approximately 27,000 deaths, down from the 1949 figure. There were about 15,000 deaths from occupational accidents, including occupational motor vehicle fatalities, which is a slight increase over the 1949 figure. Deaths in public accidents (except motor vehicle) are estimated at around 13,000.

ATOM OPENS SHOW

The Electrical Wonderland Show in San Francisco was opened by a "flash of lightning" formed by atomic energy. General Electric was responsible for arranging the atomic energy stunt.