

FOREWORD

The intent of this dissertation is to compile in one record the highlights of the meeting minutes of the BELL METAL CLUB from before the club was formally opened in December 1976 to the end of 1987.

Since the minutes were used as a guide, these words will be only as accurate as the minutes were, bearing this in mind it is hoped that this history will be both informative and enjoyable.

George Phillips, Secretary
BELL METAL CLUB
May 16, 1987

THE BELL METAL CLUB

A BRIEF HISTORY AS TAKEN FROM THE MEETING MINUTES

After a period of about two years of planning during which many meetings were held in various locations, an organizational meeting was held Saturday, January 31, 1976 at Oakmont Recreation Center auditorium, with Earl Cummings presiding.

The first order of business was the introduction of those who worked hard for the past two years to organize the club. They were as follows: Jim Burge, Paul Dodge, Paul Myers, Elmer Resch, Henry Schulz, Henry Gelletly, Ellis Bleke, and Bill Ramlow. Mr. Cummings thanked the men for their help.

A volunteer was asked for to serve as secretary of the club, Paul Johnson volunteered and was nominated, he accepted, and was elected. Nominations were asked for from the floor for president of the club. Earl Cummins was nominated, he accepted and was elected.

Jim Burge, chairman of the Nominating Committee, presented the following slate for the executive offices: Heinz Schulz, 1st Vice President; William Ramlow, 2nd Vice President; Alfred Boyd, Treasurer. There were no nominations from the floor, and the slate was elected.

President Cummings suggested as chairmen of the following positions, they all accepted and were elected. Harley Lockwood as Head Monitor of Machinery; Head of Maintenance Committee, Jim Harrison; Monitor of Tool Crib, Paul Myks; Safety Committee members appointed were: Heinz Schulz, Bill Ramlow and Jim Burge.

President Cummings stated the Executive Committee of the club would consist of nine members including the President, 1st Vice President, 2nd Vice President and six members to be elected from the membership. Those nominated and elected were: Ellis Bleke, Bill Dunning, Bill Gresko, Elmer Tooley, Charles Voigtsberger and Marion White.

The following volunteered as Regular Monitors: John Hons, Fred Dubois, Arthur Meyer, Ellis Bleke, Bill Gresko, Bill Hubbard, Frank Rott, Joe Rodgers, Bill Gaede, Jim Harrison, Ed Ryan, Fred Kaltreider. Alternate Monitors were: George Nicholas, Art Lewis, Gil Alinder. Paul Dodge was Head Monitor for Welding. Those with welding

experience who volunteered as welding monitors were: Harry Hulsmann, Henry Johnson, Paul Johnson, Richard Shaughnessy, Herb Moe, Art Huntsman, Frank Barry.

Ben Carpenter, a member, volunteered to install and set-up the machinery. Total membership as of the meeting date Jan. 31, 1976 was 130 with 14 more at the meeting for a total of 144. Dues was \$2.00 plus a \$3.00 initiation fee. The location of the club will be in the Bell Recreation Center at 99th Ave. and Bell Road.

Safety equipment was discussed at this meeting, glasses, face shields, etc. A list of the machinery and equipment which would be available was read by the president, but was not listed in the minutes at this time. Members will be allowed to bring their own tools, and some items were donated to the club by the members. Bill Hubbard donated a height gage and a drawing table.

Several types of sheet metal and bar stock will be available to the members to buy. The shop will have about 2750 sq. ft. of space for work area. A member suggested that Mr. Cummins and his committee be given a vote of thanks and appreciation for their work in organizing the club and the membership agreed with their applause.

There were no meeting minutes in the book until the fourth meeting on May 3, 1976. As of May 1, 1976 there were 204 members, and a balance of \$975.00 in the treasury.

The meeting day has been revised to the first Monday of the month. Cabinets were being built and installed in the shop. Welding supplies were being discussed and purchased.

Future needs were also being discussed. The shop was beginning to come alive.

At the June 7, 1976 meeting the Treasurer reported a balance of \$188.95. Membership was 216. About \$100.00 worth of tools were purchased at a sale, welding tanks and equipment were purchased for a total of \$539.11. A heliarc welder has been obtained, a 14 inch vertical bandsaw and a welding torch has been ordered from Sears Roebuck & Co. Many items are needed before the shop can be opened for business and these are being looked into and obtained when possible. This meeting will be the last until September 1976.

The September meeting was held on the 13th, 41 members were present. Trearury has balance of \$219.94, membership was 250. Some of the tools and machinery are still being received from Del Webb. There was nothing

mentioned in the minutes regarding the official opening of the metal club, (see Dec. meeting).

Ideas for raising money for the treasury were presented, manufacturing of Solar Ovens was discussed at length and Jack Freiday volunteered to estimate costs of building the ovens as a project. Several members expressed a desire to build the ovens. Courses in welding and metal working offered by area colleges were being researched as to possibilities available. Doing work for outsiders or non-members was discussed, and a schedule of rates were to be posted for a trial period. It was decided not to raise dues at this time.

Members who make or repair items they bring in will receive 80% of their labor costs (confusing?). Repair work may be requested by non-members, and when accomplished by a member of the metal club with the member receiving 60% of the labor costs. The shop will receive payment for material and welding expenses.

The use of shop tools and equipment by non-members was discussed, it was decided that non-members could use the items donated by Del Webb, such as benches, vises, etc. The saw and drill press may be used if the non-member furnishes his own saw blades (which will be installed by the monitor if time permits), and drill bits. Non-members will be encouraged to join the metal club.

The October meeting was held on the 4th in the Bell Social Hall #1. 44 members were present. Treasury had balance of \$144.95, no mention was made as to the number of members in the club at this time. Club dues will remain at \$2.00 plus \$3.00 initiation fee. The club was preparing to participate in the Carnival of Clubs with 4 tables being requested. Several members have volunteered to show their shop projects at the fair.

Jack Freiday reported the cost of materials for manufacturing the solar ovens at about \$30.00. It was suggested there may be a problem with the IRS regarding selling club projects.

The nominating committee chairman Bill Ramlow presented the following slate of officers for 1977 as follows: Heinz Schulz, President; John Tufts, 1st Vice President; Bill Gresko, 2nd Vice President; Jack Freiday, Secretary; Bill Miller, Treasurer; nominations will be accepted from the floor. Officers will be elected at the November meeting. A urgent call was issued for monitors, response was nil. Shop hours may have to be curtailed.

Safety is being stressed, goggles and/or face shield must be worn in designated areas. Loose clothing, long sleeves, ties, rings, or other jewelry are not permitted. Long hair must be covered (remember those days)? Proper clothing must be worn while welding. Electric welding must be shielded from the rest of the shop. Safety rules have been posted in the shop for all to read.

Monitor training has been started, to give time for this the meeting time has been moved up to 9:00 AM instead of the usual time of 10:00 AM, with monitor training following.

The November meeting was held on the 1st at 9:00AM. Mr. Dick Elton of Glendale College spoke regarding the many courses available to Sun City residents and urged participation in over 100 courses. Once again it was decided that non-members may use the shop tools furnished by Del Webb, but not the perishable tools bought by the club.

Al Boyd, Treasurer reported a balance of \$345.95 in the treasury. The slate of officers named above were voted in for 1977. They will preside at the December meeting. The safety rules as read at the last meeting were voted on and adopted. Bill Gresko volunteered to serve as shop maintenance man. President Cummings appointed Al Boyd, Bill Miller and Floyd Hudson to audit the books for 1976.

The last regular meeting for 1976 was held on December 6, 1976. President Cummings opened the meeting at 9:30AM, 35 members were present. The Treasurer reported a balance of \$539.20 in the Treasury. The auditing report was approved and Al Boyd turned the books over to the new Treasurer Bill Miller. President Cummings turned the meeting over to the new President Heinz Schulz who introduced the new Officers for 1977. President Schulz made the following announcement. * * THE BELL METAL CLUB IS NOW FORMALLY OPEN * *.

Volunteers for the Executive Committee accepted as follows: Harley Lockwood, Neldon Taylor, Roy Tamblingson, Al Boyd, Art Huntsman. The president appointed the following as the tool and equipment committee: Ellis Bleke, Chairman, Paul Myks, Bill Gresko. The purchase committee will be as follows: Paul Johnson, and Art Meyer. Safety committee will be Paul Dodge, Dick Cook, and Ernie Stefek. Purchases up to \$50.00 can be authorized by the Executive Committee, larger purchases will have to be approved by the membership.

The use of private vehicles while doing club business will be reimbursed at 10 cents per mile. Monitor identification was discussed and it was decided to furnish aprons or jackets of a color that the monitors can be easily seen. It was decided to close the shop on Dec. 24 & 31. Bill Hubbard was thanked for his machinery and supply donation, others were thanked for their help.

The last Executive meeting of 1976 was held on Dec. 15, at 9:00AM. The Treasurer reported a balance of \$674.40, but no mention was made as to number of members as 1976 ended. The club is looking into ways to generate income, solar ovens etc. The Recreation Center has requested that no vehicles be parked at the rear door of the shop. So ended 1976 for The Metal Club.

1977

The first meeting of 1977 was held on January 3, 1977 in the Bell Social Hall. President Heinz Schulz opened the meeting at 9:15 AM with 34 members present. William Miller, Treasurer, reported a balance of \$724.00. Bill Gaede was appointed the new Head Monitor, and he has assumed his duties. Paul Johnson, Chairman Purchasing Committee announced the balance of the drill bits needed to fill the drill stands have been purchased and also the bulk saw blades are now on hand.

President Schulz announced with regret the passing of Neldon Taylor during the previous week, he was active in the club. Art Lewis was appointed as the replacement for the vacancy on the Executive Committee. The safety committee reported that oily rags were being thrown into the trash barrels. This is a fire hazard, and it was recommended such rags be put into a covered metal can.

President Schulz requested suggestions regarding items that could be made and sold by the shop. One item, weathervanes, is an item Bill Gresko will arrange to have made up for sale. It was hoped other items will be suggested for manufacture and sale. Solar ovens may be a possibility if someone would head up a group to make kits for easy assembly by purchasers.

Executive board meetings have been changed to the 3rd Monday of the month at 1:30 PM. Club projects are in the forefront of the activities at this time in order to generate additional funds. Frank Barry will head up a group to make nail projects. Other ideas are needed. Jack Tufts will handle publicity.

A 3/8 inch variable speed drill, and 16 Ga. and 22Ga. sheetmetal at 15 cents a lb. were purchased, as well as a pop riveter. The treasurer reported that less than 50% of the members had paid their 1977 dues.

The February meeting was held at 9:00AM on the 7th, with President Schulz presiding. 65 members and guests were present. It was announced that smoking will be permitted in the shop if there is no objection from those present. Earl Cummings reported that the welding vent system was inadequate and had notified the Rec. Centers.

A letter was sent to Phoenix Automatic Products thanking them for the donation of a great deal of round steel and brass stock to the shop. It was decided to build a rack to hold this material. Art Huntsman will head a

group of welders to make this rack.

The Treasurer reported a balance of \$728.47. Some of the monitors are not showing up for duty at their assigned time, they are urged to notify Bill Gaede or Paul Dodge or get another monitor to fill in for them. The safety committee reported it needs help in enforcing the safety rules in the shop. Paul Johnson reported that the 3/8 inch drill, sheetmetal, pop rivet gun, and punches for the hand punch have been received.

No March meeting minutes were found in the book.

The April meeting was held on the 18th in the Bell Social Hall. President Schulz opened the meeting at 1:30PM with 61 present. Head monitor Don Dalton resigned due to health reasons, Jack Tufts volunteered to serve in this position until the next election. President Schulz announced that the donation of machinery and supplies were not deductible by the IRS.

A vote of thanks was made to Jack Tufts, Paul Johnson, Paul Dodge, and Jack Freiday for their time on the construction of 56 solar ovens by members of the club. Treasurer Miller reported that \$369.00 had been added to the club treasury as the result of this project, with material remaining for the construction of more ovens. Several new members have joined as the result of this activity. Further plans for oven construction were outlined by Jack Tufts as follows: (1) A do-it-yourself kit which includes the cost of the materials only for \$45.00. (2) A do-it-yourself kit with the metal cut and bent for \$65.00. (3) A finished oven for \$85.00.

President Schulz opened the meeting to a general discussion on the pros and cons of future oven construction such as, tying up equipment, paying members for their time constructing kits and IRS complications. After much discussion it was decided to pay instructors a fee of \$3.50 per oven for their time in instructing, and construction of the kits. The President will check with the Rec. Board regarding the IRS. The club will continue with the oven program. The purchase of a butt welder for saw blades was discussed. No action at this time. It was decided to sell saw blades to individuals for their own use and maintenance. More shelves are needed, and the location of the tool crib was questioned in reference to supervision by the monitors. The shop will be open only in the morning during the summer, subject to approval by the members. Monitor uniforms are being checked into by Paul Johnson.

The May meeting was held on the 16th, this will

be the last meeting until September. It was decided that the club may sell items to anyone except commercial sales of six or more items. It was approved to close the shop in the afternoons during June, July, and August. A decision on moving the tool crib and adding more shelving was postponed until the September meeting.

The September meeting was held on the 19th at 1:30PM. The treasurer Bill Miller reported a balance of \$2023.27 compared to the May balance of \$1729.79. A saw blade welder (butt welder) was purchased jointly by the metal club and the three wood shops. It will be located in the metal shop with trained members of the wood shops authorized to use it to weld their blades using their own stock. A portable disk sander was also purchased.

President Schulz appointed the following to serve on the Nominating Committee: Art Huntsman, Henry Kolb, and Fred Kaltreider, they will present a slate of Officers for 1978 at the October meeting. It was decided the club will participate in the Carnival of Clubs again this year on November 25th & 26th, with Roy Tamblingson as Chairman. A display of solar ovens, weathervanes, and metal figures will be featured, with some typical repair work. Bill Gresko will exhibit his live steam locomotive.

Training classes are to be held this fall costing \$20.00 for 6 2hr lessons in general machine shop and welding. A small welder is being considered for this purpose.

The October meeting was held on the 17th at 1:30 in Bell Social Hall. The treasury has a balance of \$2207.98. Dues for 1978 are being accepted. The club has 335 members as compiled by the treasurer. The By-Laws have been changed to allow the Executive Committee to authorize expenditures up to \$250.00 instead of \$50.00. The training lessons in machine shop and welding have started, with the interest increasing. Paul Johnson has loaned a small welder for this effort.

There was no report from the Nominating Committee, with no reason given. A four drawer file cabinet has been purchased for use in storing the records for the shop.

The November meeting was held on the 22nd in the Bell Social Hall. President Schulz called the meeting to order at 1:30 PM. Bill Miller, Treasurer reported a balance of \$2090.09. It was voted to have the Treasurer set aside \$1000.00 for a Tool Fund to be held for eventual purchase of either a new Lathe or Milling machine, with

future amounts to be added when funds permit.

The Nominating Committee presented the following slate of Officers for 1978: President, Jack Tufts; 1st Vice President, Herb Moe; 2nd Vice President, Don Burke; Secretary, Mildred Miller; Treasurer, Bill Miller. Jack Tufts reported that Roy Miller has accepted the responsibility of Head Monitor.

President Schulz reported on a letter from J. Titus regarding use of the club by any Card Holder. It was felt that we could not assure the safety of the shop users without demonstration of the ability to use the equipment and the need for dues to help defray the costs of maintaining the equipment. Therefore, we will continue to require users of the facilities to become members of the club.

The December 1977 meeting of the metal club was called to order at 1:30 PM on the 19th by President Schulz. The treasurer Bill Miller reported a balance of \$2063.85. Rules for collection of money by the monitors were read and a copy placed on the bulletin board. Gene Mozena, Earl Cummings, and Bill Gresko were appointed to audit the books.

President Schulz at this time turned the meeting over to the new President Jack Tufts. The following items were discussed. A list of qualifying welders was to be made by Paul Dodge. Monitors were instructed to check membership cards for 1978. The need for more monitors. The 1st Vice President was to be Head of Publicity. The 2nd Vice President was to be chairman of Program and Shop. Shop Improvement and Tool Committee will be Bill Gresko as Chairman with Paul Johnson and Roy Tamblingson assisting. Art Huntsman will be chairman of activities at the Arts & Crafts Show in the Sun Bowl on January 14th & 15th.

Gene Mozena will revise the By-Laws. A list of the present officers and phone numbers was to be posted on the bulletin board and a copy given to each officer and committee member. Ernest Steffek was appointed on the Safety Committee. A calling committee was suggested in the hope of improving attendance to regular meetings. Letters to the Presidents of the craft shops suggesting ways the metal club could assist them were to be written next month.

Stationery with the club letterhead were to be purchased. It was voted to change the club name to ** BELL METAL CLUB ** omitting the word "center".

So the BELL METAL CLUB ended 1977 on a high note and looking forward to a better 1978.

1978

The first meeting of the year of the Bell Metal Club was held on January 16, 1978 in the social hall of Bell Rec Center at 1:30 PM. 40 were present.

President Jack Tufts reported the following work being in progress or completed. Bill Gresko and Roy Tamblinson are working on an index system. Paul Johnson, Lee Hackney, and others made a new storage rack. Saturday, January 21, is scheduled as a work day to re-arrange the shop. Paul Dodge was authorized to add one more station to the welding section at the last executive meeting. The auditing committee reported the treasury was in good shape.

Wm. Miller reported a balance on hand January 15th was \$2120.90. A fund for capital equipment was started with \$1000.00. He also commented on the collection of money by the monitors, and asked them to account for all money collected.

President Tufts stated it has been decided to leave tools out instead of returning them to the crib after each use. (it wasn't stated if this meant at the end of the day). A volunteer with woodworking skills is needed to construct a cabinet for the shop. The Arts & Crafts show was held Jan. 14, with the Metal Club netting \$68.00 from articles sold and pending orders. The Solar Oven project is proceeding with Bill Dockus chairman. Classes in Machine Shop begin the evening of January 17th with Don Burke. Welding classes will begin Wednesday evening with Paul Dodge.

Wm. Miller reported \$42.00 was collected for work done for the Lapidary shops this past month. Art Huntsman suggested business cards to advertize the shop. No decision was made at this time. Prices charged for work performed for others was discussed, Bill Gresko mentioned that it was done mostly for good will at the present time and prices could be established later.

Bill Gresko said suggestions placed in the box are not always used at the moment, but could be at a later date so keep making them. He also offered to share his special tools to anyone needing them. The meeting adjourned at 1:55 PM and demonstrations were conducted in the shop on grinding a drill bit.

The February Regular meeting of the Bell Metal Club was held on Feb. 20 at 1:30 PM. 49 were present.

The treasurer reported a balance of \$2519.03. Instructions to the monitors regarding proper information needed when collecting money were repeated. It appears that \$77.00 was stolen from the cash box, as it cannot be accounted for. Arrangements are being made to keep excess cash from the box in a safer place under lock with the key being held by the treasurer. The rear door windows are being secured with steel mesh.

The crib modifications being done by Bill Gresko's crew consisting of Paul Johnson, Lee Hackney, Art Meyer, Don Dalton, and many others is proceeding nicely. Paul has held two Saturday work sessions recently and another one is planned soon. The shop appearance is greatly improved, it seems 6-8 make a good crew.

A power hack saw has been purchased and is now in operation in the shop, this was bought for \$250.00 and is in nearly new condition. Thanks to Paul Johnson. It has been suggested that when a member breaks a small drill that 50 cents be donated toward its replacement. More monitors are needed. The handle for the square is missing and everyone is requested to look in their tool boxes to see it can be located. (sounds familiar yet). The annual Rockhound Show will be held April 17-18, a welder from the Metal Shop will be brazing metal figures for purchase by visitors.

Henry Kolb needs help welding figures. This money making project is going well as well as others such as solar ovens, classes in welding etc. The purchase of a milling machine for \$3000.00 from Bill Gresko is being discussed and a motion was made and seconded to buy this machine if a committee evaluation is favorable. A demo of gas welding and brazing will be conducted immediately after the meeting. A list of welders is being compiled and will be posted in the shop to assist the monitors if no welding monitor is on duty. Meeting adjourned at 2:10 PM.

No minutes from the March meeting were found.

The April meeting was cancelled due to conflict with the Rockhound Show on the 17-18.

The Regular May meeting of the Bell Metal Club was held on the 15th at 1:30 PM. 26 were present.

Treasurers report showed a balance of \$1063.70 after the milling machine was paid for. The monitors have done a great job in helping with construction of solar ovens, figures, etc. A book commemorating items donated to the club is in the gray desk. Bill Gresko will place their names on the machines they donated. All bills are to be

presented to the President, Jack Tufts, for payment. Rates for welding have been proposed as follows: Gas torch - \$2.00 per hour; Above #3 tip - \$6.00 per hour; #1, #3 and miniature tip - \$1.50 per hour with 50 cent minimum. All above charges plus materials.

Monitors are to check valves on all welding tanks every day at closing time for positive shut-off. A study is being made on the renting of tools. A sample solar collector for heating water is to be constructed with a maximum cost of \$40.00 for materials. Some of the machines are to be shifted in the shop for safety reasons. Bill Gresko suggested the shop be kept open on all when monitors are available.

The September meeting of the Bell Metal Club was held on the 18th at 1:30 PM with 27 members present.

The treasurer reported a balance of \$521.58 as of September 9th.

President Tufts reported the milling machine and welding stations have been completed during the summer. Paul Dodge has scheduled 8 members for his first welding class and 21 others have signed up for later classes. Art Huntsman will head the Nominating Committee which will present a slate candidates for 1979 at the November meeting. Safety goggles with side wings will be worn in designated work areas per insurance regulations. A yellow and black stripe will be placed on the floor detailing the visitor area. Face shields will be loaned if a member does not have safety goggles. It was mentioned that Sun City Optical provides side shields at 50 cents a pair.

Gene Mozena is revising the By-Laws. The Executive Board will make additions and corrections by the October meeting. The Carnival of Clubs will be held on November 24th - 25th. Paul Johnson will be the coordinator. He also stated the club is in dire need of another lathe. Notices are to be placed on the bulletin boards in the shopping centers stating the Metal Club is interested in purchasing tools.

A motion was made and seconded that the Shop and Tool Committee make an overall study of the shop and report on the cost of moving the crib to the front of the shop to aid the monitors. Gene Mozena suggested a Public Relations monitor instead of moving the crib. George Smith suggested calling all the members on the current list to procure the necessary monitors. Volunteers are needed for the shop clean-up one Saturday morning each three months. The shop will furnish coffee for the 8 - 10 volunteers necessary.

The October regular meeting of the Bell Metal Club was held on the 16th at 1:30 PM with 20 members present.

The treasurer reported a balance of \$1030.38 on hand.

A motion was made and seconded to investigate installing a phone in the shop to share with the Wood Shop, a charge of 10 cents for each personal call will be paid to the monitor. It was reported that a great many milling tools are being broken lately, monitors were asked to keep a closer watch on this. Bill Gresko offered to repair some of the broken ones. Personal cars are allowed inside the gate to load and unload only, please cooperate. It was decided that the previous meeting minutes will be posted on the bulletin board. They will no longer be read at the meetings in order to shorten the meeting time.

The use of the spot welder will be demonstrated at the close of the meeting by Paul Johnson who did the necessary work to install it. Also Paul announced the Crafts Carnival will be held November 25th - 26th at Sundial Rec Center. Don Burke and Don Dalton will be co-chairmen, a sign-up sheet is available for those willing to help. A work party planned for Saturday, November 11th 9 AM to 12 Noon to clean up the shop. Any handicraft items may be displayed at the Carnival.

Fred Kaltreider will instruct classes in Machine Shop. New members joining after November 1, 1978 will be for the remainder of this year and the full year of 1979. Only residents of Sun City are eligible to join. Paul Johnson and Art Huntsman volunteered to serve on the Nominating Committee.

The November regular meeting of the Bell Metal Club was held on the 20th at 1:30 PM with 40 members present.

The treasurer reported a balance on hand of \$1619.71.

Paul Johnson thanked all who helped with the last work party. The club appreciates Paul's efforts. All who signed up to help at the Carnival of Clubs on November 24th - 25th please be there. Action on installing a telephone has been postponed due to the estimated cost of \$500.00 to \$1000.00. A motion was made and seconded to have coffee and tea available in the shop with a fixed price per cup. William Miller and George Green volunteered to be co-chairmen. Door Monitors will keep hot water supplied. Phil Wulff, Henry Kolb and Murray Young will get costs of

new individual lockers which will be rented to club members.

Nominations for 1979 officers were presented as follows: President, C E Bartholomew; 1st VP, Don Burke; 2nd VP, Roy Miller; Secretary, Mildred Miller; Treasurer, Gene Mozena; Head Monitor, Byron Wall; The Committee Chaimen and committee members for 1979 are as follows: Housekeeping, Phil Wulff; Maintenance, Don Dalton-Chr., Bill Gresko, Fred Kaltreider, C E Bartholomew; Purchasing, Don Burke, Chr., Paul Johnson; Safety, Art Huntsman; Shop Improvements and Tools, Bill Gresko, Chr., Paul Johnson, Hank Kolb; Welding, Hank Kolb, Chr., Lee Hackney;

The December regular meeting of the Bell Metal Club was held on the 18th at 1:30 PM with 40 present.

The treasurer reported a balance of \$2853.34 on hand.

The financial record have been audited and found to be in balance. The re-vised By-Laws have been approved by the membership and submitted to the Rec Board for review, comments and approval. The new officers were introduced and installed. Robert Stansel accepted the office of Treasurer due to the resignation of Geen Mozena. The committee investigating the cost of lockers reported that 15 lockers cost \$295.00. the Rec Center is being approached in regards to furnishing these.

Paul Johnson was appointed chairman for the Arts & Crafts Carnival to be held January 13th - 14th, 1979. It has been suggested to hold Monitor meeting regularly. A show case for displaying the figurines made by the members was being researched as to cost. A layout of the shop floor space is near completion, and the installation of of a ventilating fan for the welding section is being considered. This has been another good year for the Bell Metal Club. Looking forward to 1979.

1979

The first meeting of the year of the Bell Metal Club was held on January 15, 1979 in the social hall of Bell Rec Center at 1:30 PM. 22 were present.

The treasurer reported a balance of \$3569.21. The Arts & Crafts Fair held January 13-14 netted \$146.20. Since there is a conflict between the Metal Club regular meetings and the Rec.Center quarterly meetings, President Bartholomew will check to see if a change of meeting dates can be made. A motion was made and seconded to dispense with reading of the minutes from the previous meeting as they will be posted on the bulletin board. The telephone should be installed by the end of January.

Jack Tufts and Paul Dodge are preparing a drawing for an exhaust fan for the welding department for approval by the Rec. Center. Paul Johnson explained his proposed floor plan. A motion was made and seconded to have a Shop Planning Committee. Phil Wulff will serve as chairman with Bill Miller and Paul Johnson assisting. A sign-up sheet for the February work party will be placed on the bulletin board. If not enough sign up, Phil Wulff will call members to assist in this work. A monitor's meeting will be held Saturday January 20th at 9 AM in the metal shop.

Suggestions to fill the vacancy of Head Monitor should be given to President Bartholomew. A motion was made and seconded to collect 50% on all orders for manufactured items. A suggestion was made to have a tool monitor. This will be discussed further at the next executive meeting.

The February regular meeting of the Bell Metal Club was held on the 19th at 1:30 PM in the Bell Social Hall with President Bartholomew presiding.

The treasurer reported a balance of \$3824.61 on hand at this time. The president reported the monitor's meeting was well attended, this was held on the 20th. All recreation card holders can use the machines donated by Del Webb which are marked with a spot of gold paint. However, they must furnish their own hand tools, drill bits, etc. A non-member must also demonstrate to the monitors on duty that he or she is qualified to use the machines. Volunteers are needed to construct two 4 ft. show cases for displaying items made in the shop for sale.

Art Meyer volunteered to serve as Head Monitor beginning July 1st to December 31st. The president will act as temporary head monitor until then unless someone volunteers to handle these responsibilities. Hank Kolb reported we made about \$150.00 at the Arts & Crafts Show held in January at the Sun Bowl. The Rock Show to be held in March will feature items for display only. Paul Johnson reminded members regarding the work party on the 24th from 9 to 12. Refreshments will be served.

Earl Cummins reported the committee has completed a price list for the figurines. They meet each Friday afternoon. Members contributing figurines for sale are asked to stamp a number on each for identification and notify the committee of their ID number. Bob Stansel made a motion to table the matter in identification when working at the shop for a period of 60 days. The matter will be referred to the Executive Committee. Phil Wulff made a motion to purchase 24 or 25 lockers not to exceed \$300.00. The president reported the telephone is being installed at the present time. A motion was made and seconded that the project on the solar water collectors be posted on the bulletin board. Hank Kolb should have estimates of the cost by the next meeting.

The March regular meeting of the Bell Metal Club was held on the 19th at 1:30 PM. 25 members were present.

The treasurer reported a balance of 3671.00 on hand as of February 28th. The president announced an agenda will be posted before each meeting. Additional items must be submitted must be submitted in writing by the Thursday preceding the meeting to be considered. It was reported the shop has purchased a Kalamazoo saw for \$125.00. (what the hell is a Kalamazoo saw?). The show cases are almost complete, some help is needed to paint them. Glassine holders for membership cards will be provided to all members. The cards are to be worn in these holders at all times while in the shop. Persons without a current membership card will be considered as non-members.

A motion was made and seconded to appoint a committee to purchase a lathe not to exceed approximately \$1000.00. Paul Johnson, Don Dalton, Don Burke, and Fred Kaltreider will serve on this committee. Earl Cummings explained the new policy on figurines, 1/3 = cost of materials, 1/3 = profit to the club, 1/3 = amount paid to the member constructing the figurine. Items needed are posted on the bulletin board. Quality control must inspect these items before payment to the member can be made. Door Monitor will record the items made and this will also serve

as an inventory. The status on the ventilating hood was considered dead. At the next meeting a vote will be taken to amend the by-laws so that each member will be asked to serve as a monitor at least four (4) times per year.

The April regular meeting of the Bell Metal Club was held on the 16th at 1:30 PM. 30 were present.

The treasurer reported a balance of \$3291.50 on hand. It was reported that the coffee supplies are ample and the income is about double the expense. Executive Board meetings are held the second Monday of each month except June, July, and August. All committee chairmen, officers, and any person requested should attend if possible to aid in setting policies of the club. The lathe which was purchased by the club is crated and ready for shipment from New York as soon as the truckers strike is over.

The show cases are completed with the aid of Art Meyer and several other members. The tool committee will decide which tools will be placed in these cases. Motion made by George Smith and seconded by Earl Cummings to send Art Meyer a letter of thanks. The sign on the door of the Metal Club and the name plates for the lockers were made by Earl Fleege. Motion made by George Green and seconded by Hank Kolb to send a letter of thanks.

A work party is scheduled for Saturday, April 28th from 9 to 12 to clean up the shop. Another set of lockers will be assembled at that time. Rags for the shop are needed. An electronic filter for the shop is being negotiated with the Rec. Centers. A bell to aid in hearing the telephone when it rings is to be installed in the shop. Monitors are needed at the present time, especially door monitors. Motion made and seconded that each member shall serve at least 12 hours per year in some capacity, either as monitor, officer, or a committee. This is an amendment to the by-laws.

Being as there are no regular meetings until September, the minutes of the Executive Board meetings will follow. The Executive Board met May 7th in the Administrative Office of Bell Rec. Center. The following attended: C E Bartholomew, Bob Stansel, Paul Johnson, Roy Miller, Mildred Miller. The treasurer reported a balance of \$2645.80. The lathe assessories have been cleaned and ready for painting. The completed machine should be in operation soon. A motion was made and seconded to close the shop on Saturday mornings during the summer months

beginning Saturday, May 12th. According to word received from the Rec. Centers, price tags can not be displayed on items for sale. Therefore, a price list will be kept in the desk drawer.

The Executive Board met on June 11th at 1:30 PM in the Metal Shop with the following attending: C E Bartholomew, Bob Stansel, Don Burke, Roy Miller, and Mildred Miller. Don Burke reported that a group of about 10 members of the Radio Club have requested exclusive use of the Metal Shop facilities at a time when the facility was not in regular use. Paul Johnson and Frank Barry would act as monitors. All are members of the Metal Club. It was decided this request would be granted after the Recreation Centers are notified. The treasurer reported a balance of \$2459.68 on hand. The rent on three lockers have not been paid yet, memos have been issued to this effect. The president wishes to have three signs made for the club. Due to the shut down of the air conditioning as of July 1st, summer hours will be 7:30 AM to 12 noon for the month of July. The decision as to August hours will be made later. Letters are being sent to members who may be using the club facilities for personal profit.

The September regular meeting of the Bell Metal Club was held on the 17th in the Social Hall at 1:30 PM. 26 were present.

The treasurer reported a balance of \$2457.09.

President Bartholomew reported the Executive Board felt we should keep a minimum balance of \$2500.00 on hand for repairs. The Carnival of Clubs will be held November 23-24 with Murray Young as Chairman with Don Burke, Paul Johnson, C E Bartholomew, assisting. Henry Kolb will demonstrate brazing on the patio. A representative of the Phoenix Gazette would like information on the clubs of Sun City. Interested members should contact President Bartholomew. The Nominating Committee consisting of Chairman Art Huntsmann, George Green, and Don Dalton will present a slate of candidates for 1980 at the October meeting. Voting will be held at the November meeting with installation of new officers at the December meeting.

Membership renewals cover only the current year beginning each January 1st and ending December 31st with dues of \$2.00. New members joining after November 1st are granted a full year's membership plus the two extra months for a fee of \$5.00. George Phillips was appointed the new Clean-up chairman (Yuk Yuk). Dick Groon was appointed to

make an estimate on the job for Del Webb which requires cutting 4 inches off the legs of 74 stools. A tubing cutter will be purchased by the club to do this project. The swamp cooler which was installed 10 days ago is working too good, the machinery is beginning to rust from too much moisture. The president will ask that the water be shut off. Don Burke, purchasing committee, reported when ordering metal from Capital Metals there is a minimum charge of \$5.00 for shearing. He also reported that many of the drills are broken and have never been replaced by the person who broke them. This is costly to the club.

The October regular meeting of the Bell Metal Club was held on the 15th at 1:30 PM with 22 members present.

The treasurer reported a balance of \$2637.36 on hand.

Murray Young, Chairman of the Carnival of Clubs reported a sign-up list posted for help in the booth. On Friday Oct. 19th, the amount of space available for projects and exhibits will be known. A motion made by Don Dalton and seconded to make a solar oven to raffle. Bill Dockus and Russ Pritchard volunteered to make the oven. Solar oven classes will begin the second week in November. Art Huntsman, chairman of the nominating committee reported the following as candidates for officers for 1980: President; Don Burke, 1st V P; Roy Miller, 2nd V P; Doc George Green, Secretary; Mildred Miller, Treasurer; Bob Stansel. Election will be at the November meeting with installation at the December meeting.

Shop clean-up will be held October 13th. George Phillips is the chairman of this committee. Don Burke reported the Recreation Centers will not provide heat for the Metal Shop. A swamp cooler is used for cooling. The First Aid cabinet has been installed and well stocked. Credit should be given to Doc Green. However, he reported that Ben in the wood shop donated his time and materials in exchange for a few cups of coffee. Don Burke reported that many brazing rods are being left out on the welding tables partially used. On checking the books there seems to be no money being collected to cover these. Welding monitors should keep a closer tab on this. Also tool bits and drills are being broken and not paid for. A machine shop instructor is needed to assist Fred Kaltreider with classes due to start December 1st. Paul Johnson will head a committee to report on sand blasting equipment. The Sun City Radio Club will use the Metal Shop each Saturday afternoon with Paul Johnson and Frank Barry as monitors.

The November regular meeting of the Bell Metal Club was held on the 19th at 1:30 PM with 22 members present.

The meeting was called to order by 1st Vice President Don Burke in absence of the President C E Bartholomew. The treasurer reported a balance of \$2733.11 on hand. The names of the candidates for the club officers for 1980 were read, no further nominations were made. Phil Wulff made a motion and it was seconded to elect by unanimous ballot. It carried. Paul Johnson reported that the sand blasting equipment was under construction.

At the executive meeting a decision was made to repair or purchase two sets of drill bits, milling cutters, which will be issued by the monitors. Any breakage of this equipment should be paid for by the user. The cribs are now being locked in order to secure the tools. Mario Calero will take over as head monitor as of January 1, 1980. Charles Peters will be the Safety Director. About two more members are needed for the maintenance committee. When charging for work perform for other clubs, the monitors are to make certain that the name and address of that particular club's treasurer is obtained. Murray Young reviewed the hours the Metal Club's booth will be open for the Carnival of Clubs and stated more help will be needed. The next shop clean-up will be December 1st.

The December regular meeting of the Bell Metal Club was held on the 17th at 1:30 PM. 80+ members were present. Treasurer reported a balance of \$3218.00 on hand and announced that Metal Club took in \$381.00 at the Carnival of Clubs. The new officers for 1980 are as follows: President, Don Burke; 1st VP, Roy Miller; 2nd VP, George Green; Treasurer, Bob Stansel; Secretary, Mildred Miller. The new officers assumed their duties. Bits and drills are being repaired (sharpened) and will be issued by the Door Monitors from now on. Mario Calero assumed his duties of Head Monitor.

Any training classes the club has to offer will be given on Saturday mornings. The only fee will be the materials used. Sun City's Anniversary will be January 27th. The Metal Club will have open house for all. No work will be performed. The Metal Shop will be closed on Monday, December 24th and 31st due to holidays.

1980

The first meeting of the year of the Bell Metal Club was held on January 21, 1980 in the Social Hall of Bell Rec Center at 1:30 PM. 32 were present.

The treasurer reported a balance of \$2507.40 on hand as of January 14th. He also reported a net profit for 1979 of \$1253.77. A more complete report will be posted on the bulletin board later. The Air Compressor has been received by the shop. The sand blasting cabinet is now complete with gun. The wiring is being researched at this time with the shop doing the inside wiring. The Sun Bowl Carnival has been cancelled. Due to a conflict of some sort Mario Calero has resigned as Head Monitor. Murray Young has volunteered to help with this position. Welding monitors are needed at the present time.

The February regular meeting was held on the 18th at 1:30 PM in the Bell Social Hall with President Burke presiding and 25 members present.

The treasurer reported a balance of \$2928.57.

The wiring for the sand blasting equipment has been completed, the Recreation Centers wish to be reimbursed for their cost. Volunteers are now needed to build a shed for the sand blaster and the compressor. Discussions were held regarding charges and donations to the club. It was decided to continue as now. Locker dues are \$2.50 per year and are due March 1st and April 1st depending on which set of lockers your locker is located. Murray Young has accepted the position of Head Monitor. A Nominating Committee has been appointed as follows: C E Bartholomew, and George Phillips.

The March regular meeting of the Bell Metal Club was held on the 17th at 1:30 PM in the Bell Social Hall with 28 members attending.

The treasurer reported a balance of \$3106.12 on hand as of March 15th.

The shed for the compressor and sandblaster needs some work before it is completed. The Recreation Centers approved the insulation used to prevent excessive noise. Use caution when using this equipment. President Burke reported the number of members using the shop was as follows: November 1979, 638. December, 450. January, 600+, February, 750. Several requests have been received to purchase aluminum. The price of new material is \$2.50

per lb. The shop is attempting to buy some from a salvage yard at approximately \$40.00 per sheet. Murray Young, Head Monitor, has called about 50% of the current members. Most indicate they are unfamiliar with the shop and wish training. Anyone wishing instructions should come to the shop on Saturday mornings. Mr. William Ploeser is to give a slide presentation on Solar Water Heaters at the April meeting.

The April regular meeting of the Bell Metal Club was held on the 21st at 1:30 PM in the Bell Social Hall with 44 members present.

The treasurer reported a balance of \$2888.35 on hand, and announced that locker dues should be paid now.

President Burke reported on the meeting the Metal Club officers attended at Fairway Recreation Center with the Rec. Board as follows:

1. The Federal Government has set 78 degrees for air conditioners for this summer.

2. Any electric within any club is at that club's expense.

3. The Carnival of Clubs has been discontinued mainly because of complaints from the Fire Dept. It has been suggested each club hold their Carnival in their respective Rec. Center.

4. A motion was made to amend our Constitution and By-Laws with a final vote at the May meeting as follows:

Article IV - Section 2 - Dues shall be \$2.00/yr.

Section 3 - Eliminate initiation fee

Article V - Section 6 - No member shall hold more than one elective office at any one time. No member shall be eligible to serve more than two consecutive terms in the same office, except the offices of Secretary and Treasurer.

Summer hours for June, July, and August will be 7:30 AM to 12 Noon. William Ploeser presented an interesting program on Solar Water Heaters.

The May regular meeting of the Bell Metal Club was held on the 19th at 1:30 PM in the Social Hall with 22 members present.

The treasurer reported a balance of \$3661.31 in the treasury.

The club will be closed Monday, May 26th for Memorial Day. Otherwise the shop will be open daily 7:30 AM to 12 Noon during the summer except closed on Saturday.

The next regular meeting will be the third Monday in September. A motion was made and seconded to re-vise the By-Laws as read in the minutes of the April meeting.

The September regular meeting of the Bell Metal Club was held on the 15th in the Bell Social Hall with 24 members present.

The treasurer reported a balance of 4054.62 on hand as of 9/8/80.

The Craft Fairs will be held at all Centers November 8th. Boswell Hospital will sponsor a Fair November 16th. Everyone is invited to participate. The Recreation Centers state that any classes held in the shop after hours will be charged for electricity, etc. Bill Gresko suggested a method to keep tools from being misplaced, damaged, or stolen by moving the crib to the front of the shop and having a monitor be in the crib to dispense all tools.

George Green suggested an exhaust system be fabricated and installed to connect the sandblaster with the Wood Shop's system. The shop clean-up is scheduled for Saturday, September 20th. Murray Young reported the regular monitors are back and that situation is fairly good for the time being. Paul Johnson suggested serving coffee and donuts to try to increase attendance at the meetings. The regular meeting of the Bell Metal Club has been changed to the first Monday of the month at 9 AM. The Executive Board will meet the last Monday of the month also at 9 AM.

The October regular meeting of the Bell Metal Club was held on the 6th at 9:00 AM in the Social Hall with 32 members present.

The treasurer reported a balance of \$4246.04 on hand.

Article VII, Section 6 of the By-Laws was read by President Burke which clarified the purchase of needed equipment in case of a bargain to good to pass up. The tool crib suggestion made by Bill Gresko was approved. October 18th is the work day for this to be accomplished. The Nominating Committee presented the following nominees for 1981: Lyle McGowen - President; Roy Miller - 1st VP; Paul Johnson - 2nd VP; Mildred Miller - Secretary; Bob Stansel - Treasurer; The slate will be voted on at the November meeting and installed at the December meeting. A movie on the Alaskan Pipeline was shown and Refreshments served.

The November regular meeting of the Bell Metal Club was held on the 3rd in the Social Hall at 9 AM with 25

members present. The treasurer reported a balance of \$4329.39 as of October 29th. There were 661 paid memberships during 1980. 686 signed in and used the club facilities during the month of October. November 8th will be the open house for the Carnival, hours are 8 AM to ? Shop will be closed for work that day.

A motion was made by Paul Johnson and seconded to donate \$50.00 to the Recordings for the Blind. Murray Young, Head Monitor, is in need of additional monitors. Membership dues and locker rent were explained by Bob Stansel as follows. If you have a locker as of Jan. 1 1981, your membership card will be marked "locker" and you will be assessed \$2.00 for the locker and \$2.00 for the membership card.

Paul Johnson announced there will be a Tool and Machinery Exposition December 2, 3, & 4th at the Civic Center in Phoenix and he will try to get complimentary tickets for those who wish to attend. The nomination of the officers for 1981 were unanimous, they are as follows: President - Lyle McGowen; 1st VP - Roy Miller; 2nd VP - Paul Johnson; Treasurer - Bob Stansel; Secretary - Mildred Miller. Refreshments were served.

The December regular meeting of the Bell Metal Club was held on the 1st in the Social Hall at 9 AM with 34 members attending.

The treasurer reported a balance of \$4486.77 on hand. An offer of \$1200.00 has been made for an index milling machine. The Auditing Committee reported the financial records have been inspected and found to be in order and correct. The balance on hand was \$4320.43 as of November 26th. The period covered was from January 1, 1980 through October 20th 1980. The new officers for 1981 assumed their duties. Paul Johnson had several complimentary tickets for the machinery show. Refreshments were served, and a movie on Energy was shown. This ends the year of 1980 for the Bell Metal Club.

1981

The first meeting of the year of the Bell Metal Club was held on January 5th, 1981 in the Social Hall of Bell Rec Center at 9:00 AM. 23 were present.

The treasurer reported a balance of \$3797.63.

An Index mill has been purchased for \$1200.00. At the Executive Board meeting it was decided to purchase a new drill press for the shop. The possibility of building a hydraulic press for the shop was discussed. Nothing definite decided. A letter was sent to the Bell Silver Craft Club thanking them for the use of their movie screen when films are shown at our meetings. A motion was made and seconded to hold the next two regular meetings in the Bell Bowling Alley team room. It was reported that 553 members used the shop facilities during December 1980. At the end of the meeting refreshments were served by the Bill Gresko family and Bill narrated a movie on railroading "Journey into Yesterday" which was enjoyed by all.

The February regular meeting of the Bell Metal Club was held on the 2nd at 9:00 AM in the Team Room of the Bell Bowling Lanes with 34 members attending.

The treasurer reported a balance of \$3700.20. It was decided at the Executive Board meeting to sell two lathes and a milling machine. Members will be given the first opportunity to purchase this equipment. A motion was made and seconded to accept bids subject to the approval of the Executive Board. The tool committee has ordered a new drill press for \$532.00. The building of sprayers for walks and patios was discussed, these are a long handled tool made from tubing with a cross member at the bottom end which is fitted with spray nozzles, and when connected to a hose will form a fan-type spray to clean walks etc. The Recreation Center is interested. Another name for these is a water broom. The meeting adjourned and a movie was shown by George Streich on "Oil Well Drilling"

The March regular meeting of the Bell Metal Club was held on the 2nd at 9:00 AM in the Team Room of the Bell Bowling Lanes with 31 members attending.

There was no Treasurer's report due to his absence.

President McGowen reported he had constructed a water broom for approximately \$25.00 and suggested a

selling price of \$35.00. The Recreation Centers as well as others have expressed an interest in purchasing these brooms. A motion was made and seconded to place a Red stripe on Membership Cards for the Machine Maintenance, and Shop Improvement Committee members to allow them access to the Tool Crib as necessary. These members are Don Burke, Don Dalton, Bill Sihhan, Bill Gresko, Paul Johnson, and George Phillips. A motion was made and seconded to purchase some end mills that Don Burke has on hand. Bids for the machines the shop has for sale are being accepted, members have first choice. An inventory of shop equipment and supplies was discussed, for insurance purposes. Refreshments were served and part II of a film on "Oil Drilling" was shown by George Streich.

The April regular meeting of the Bell Metal Club was held on the 6th at 9:00 AM. 30 members were present.

The treasurer reported a balance of \$4584.74 on hand.

President McGowen announced that the Executive Board had decided to eliminate all woodworking in the shop. All items ordered for the shop are to be placed in the tool crib and opened only by the Purchasing Committee or the Maintenance Committee, often these items will be repair parts for the machinery and these members will be familiar with situation. The president appointed a Committee to advise on ventilation hoods for the Welding Dept. as follows: Bill Gresko, George Phillips, and Henry Kolb. It was decided to not have regular meetings during June, July, August, and September. The summer shop hours during June, July, and August will be 7:00 AM to 12 Noon 5 days a week. It was announced that a movement was under way to establish the Craft Show again. After the meeting adjourned Bill Silhan gave an excellent talk on Vocational Education. He displayed many items built by his students, and answered many questions concerning student activities and his career as a teacher.

The May regular meeting of the Bell Metal Club was held on the 4th in the Social Hall of Bell Center at 9:00AM with 33 members present.

The treasurer reported a balance of \$3102.20 in the treasury. President McGowen announced that a new lathe has been purchased for \$2500.00. Regular shop hours will resume September 1st. The next regular meeting will be October 5th. A motion was made to use the glass cabinet as a shop library. The books will be issued by the monitors. Bob Stansel volunteered to catalog the books. A motion was made and seconded to donate the miniature hospital

furniture which has been made in the shop by various members of the Metal Club to St. Joseph's Hospital. After the meeting coffee and cookies were served and Harold Wilkins, a member displayed his prize winning Fisher Body coach model and several model gasoline engines.

There was no regular meeting in September.

The October regular meeting of the Bell Metal Club was held on the 5th at 11 AM in the Social Hall of Bell Center. 21 members were present.

At the Executive Board it was decided to change the time for the regular meetings to 11 AM and have the shop closed on those mornings. The treasury had a balance of \$3910.33 on September 28th. A Fun Fair will be held at Bell Rec Center on October 10th, the Metal Club has two display tables reserved in the Mall Area. On November 27-28 the Festival of Clubs will be held at Sundial Rec. Center. The Metal Club will participate, with the Recreation Centers taking 10% of our gross sales.

Murray Young, Chairman of the Nominating Committee presented the following candidates for the 1982 officers: President, C E Bartholomew; 1st VP, Paul Johnson; 2nd VP, Don Dalton; Secretary, Roy Miller; Treasurer, Bob Stansel. Votes will be cast at the November meeting, with installation at the December meeting. The members attending this meeting voted unanimously to abolish the daily coffee in the shop due to several unforeseen problems. A motion was made and seconded to not grant the addendum to the shop By-Laws from the Recreation Centers regarding guest privileges.

The November regular meeting of the Bell Metal Club was held on the 2nd at 9:00 AM in the Team Room of the Bell Bowling Lanes with 27 members present.

The treasurer reported a balance of \$4158.94 on hand. He also advised that the 1982 membership cards are available for any new members joining the club. Renewal cards will be available on December 1st. Members having lockers should tag them with their names. The Carnival of Clubs will be held at Sundial on November 27-28. Six tables have been reserved for our sale items with 10% of the gross sales going to the Recreation Centers.

A motion was made and seconded to allow the Wood Shop use of the portable air compressor. A motion was made and seconded to cast a unanimous ballot for the new officers for 1982 which are as follows: President, C E Bartholomew; 1st VP, Paul Johnson; 2nd VP, Don Dalton;

Secretary, Roy Miller; Treasurer, Bob Stansel. A motion was made and seconded to sell the three foot metal shear and purchase a new 48 inch 16 gauge replacement.

The December regular meeting of the Bell Metal Club was held on the 7th at 9:00 AM in the Team Room of the Bell Bowling Lanes with 32 members present.

The treasurer was absent, but the treasury has approximately \$2800.00 on hand. The new officers assumed their duties. Paul Johnson, 1st Vice President conducted the remainder of the meeting in the absence of President Bartholomew. A thank-you letter for participation in the Carnival of Clubs was read. The Metal Club netted about \$150.00 during this activity. And so ends 1981 for the Bell Metal Club.

1982

The first meeting of the year of the Bell Metal Club was held on January 4th, 1982 in the Social Hall of Bell Rec Center at 9:00 AM. 30 were present.

The Treasurer reported \$163.54 was made at the Craft Fair held in November 1981. He also reported a balance of \$3274.49 as of December 17th, 1981. A complete financial statement for 1981 was submitted and has been filed. The Bell Metal Club had a total of 820 members during 1981.

There will be no "free" memberships. A clean-up of the Bell Metal Shop will take place January 9th, Saturday morning at 9:00. A motion was made and seconded to have a composite mailbox, located in the tool crib.

The February regular meeting of the Bell Metal Club was held on the 1st at 9:00 AM in the Team Room of the Bell Bowling Lanes with 24 members attending.

1st VP Paul Johnson presided in the absence of President Bartholomew.

Bob Stansel, treasurer, reported a balance of \$3772.81 on hand. At the Executive Board meeting on January 25, it was reported that the following was discussed: The Verticle band saw, and the Power hack saw. A replacement for the Vertical saw and disposal of the Power hack saw is in mind.

A new drive nut for one of the Index Milling Machine was purchased. A check is being made pretaining to insurance coverage to cover repairs made on items for other than club members. No C.O.D. charges are to be paid by anyone except the treasurer. Ther being no further business the meeting adjourned, refreshments were served and Paul Johnson presented a slide show on Radio Astronomy.

There were no minutes found for the March 1982 meeting. The following is from the Executive Board meetings for February and March 1982.

February 25, 1982. Treasury balance was \$4755.76. Items discussed were: Purchase of a 4 ft Metal Brake, a roller and crimper, a new lathe, some large drills, pin and center punches, clamps for sheet metal work and repair of the saw blade welder. Shop claen-up will be Saturday, March 6th.

At the March 29th meeting, the treasurer reported a balance of \$5594.87. Summer hours will be 8:00 AM to 12:00 Noon beginning June 1st and through October 1st. No regular meetings during June, July, August and September. Executive Board meetings will be held as usual. Head monitors for July and August will be Roy Miller, Bart Bartholomew, and George Phillips.

The April regular meeting of the Bell Metal Club was held on April 5th at 9:00 AM in the Team Room of the Bell Bowling Lanes with 33 members attending.

In the absence of President C E Bartholomew, 1st Vice President Paul Johnson presided. The treasurer reported a balance of \$4127.00 on hand. The Tool Committee purchased a Chicago 48 inch Metal Brake for \$1365.00. A motion was made and seconded to purchase a used grinder/buffer machine. No price was mentioned in the minutes. Summer hours will be 8:00 AM to 12 Noon, June 1 to September 1.

The May regular meeting of the Bell Metal Club was held on the 3rd. at 9:00 AM in the Team Room of the Bell Bowling Lanes with 18 members present.

1st Vice President Paul presided in the absence of President Bartholomew. The Nominating Committee will present a list of candidates for the 1983 Bell Metal Club Officers at the October meeting. The treasurer reported a balance of \$4700.00 in the treasury. Shop clean-up will be Saturday, May 8th at 9:00 AM. The latest information regarding summer hours for the shop is that the shop will be open only four days per week, Tuesday through Friday 8 AM to 12 Noon per instructions from the Recreation Centers. The next regular meeting will be October 4th at 9:00 AM.

The October regular meeting of the Bell Metal Club was held on the 4th at 9:00 AM in the Team Room of the Bell Bowling Lanes with 32 members present. First Vice President Paul Johnson called the meeting to order in the absence of President Bartholomew who has asked to resign due to ill health.

Bob Stansel, Treasurer, reported a balance of \$5975.73 on hand. \$4000.00 of this amount has been designated for Capitol Improvements and \$1975.73 for Operating expenses. He also volunteered to check the By-Laws and any proposed changes will be voted on at the next meeting. A motion was made and seconded to purchase a lathe if the shipping charges are not too excessive.

Motion made and seconded to change the club's fiscal year on January 1st. Motion made and seconded to

change the club's operating hours to 9:00 AM to 3:00 PM except during the summer schedule. The Nominating Committee presented the following officers for 1983: George Green, President; William Silhan, 1st Vice President; Don Dalton, 2nd Vice President; Bob Stansel, Treasurer; Bob Hutton, Secretary. A motion was made and seconded to discuss at the next meeting the possibility of requesting all new members to contribute some volunteer time to the club.

The November regular meeting of the Bell Metal Club was held on the 1st in the Team Room of the Bell Bowling Lanes at 9:00 AM with 21 members attending.

The treasurer reported a balance of \$2169.33 in the Operating fund and \$4000.00 in the Equipment fund.

A motion was made and seconded to sell all the metal items in the display cases at the November Fair. New By-Laws will be discussed at the next meeting. A motion was made and seconded to elect the new officers by acclamation. (one change, Bob Prindle was nominated for President). Motion carried. Shop clean-up is scheduled for December 4th. After the meeting adjourned, refreshments were served and a movie on Hot Air Ballooning was shown by Murray Young.

The December regular meeting was held on the 6th at 9:00 AM in the Team Room of the Bell Bowling Lanes with 26 members attending.

Acting President Paul Johnson called the meeting to order. The treasurer reported a balance of \$5436.36 in the treasury. A motion was made and seconded to accept the revised By-Laws by the members present upon ratification by the Recreation centers Board in February. The new officers for 1983 are as follows: President, Robert Prindle; 1st Vice President, Don Dalton; 2nd Vice President, William Silhan; Treasurer, Robert Stansel; Secretary, Robert Hutton. After the meeting adjourned a movie was shown by Don Burke about aircraft used in training at Luke AF Base.

1983

The first meeting of the year of the Bell Metal Club was held on January 3rd, 1983 in the Social Hall of Bell Rec Center at 9:00 AM.

There was no treasurer's report in the minutes. A Memorial plaque was discussed. However, no action taken at this time. The revised By-Laws have been posted on the bulletin board for the past two months. A motion was made and seconded to send these to the Recreation Center for review and acceptance. The Wood Shop is interested in buying one of the drill presses in the Metal Shop if available. Excess noise in the shop was discussed, it was decided to cover one of the steel work benches in some manner to be agreed on.

Henry Kolb, Program chairman reported on program activity. A film will be available next month on dike construction in Holland. If time arrangements can be made he hopes to have a local ophthalmologist speak to the club on eye surgery.

The February regular meeting was held on the 7th at 9:00 AM. The treasurer reported a balance of \$6180.78. The tool committee reported that a used Horizontal saw is available for \$2500.00 and a used Vertical saw for \$2000.00, no action taken at this time. Repair parts for the saw blade welder have been ordered and when received will be installed. The cost was \$20.00.

Don Burke reported the sheet metal slip rolls have been ordered. Also a motion was made and seconded to purchase a new horizontal saw of the type seen recently at the Machine Show in Phoenix. Cost is \$1600.00. It was decided to purchase 3/4 inch blades for the new saw for the time being at least. The Head Monitor asked that monitors who must be absent to call him the day before if possible. After the meeting adjourned the film "Gateway for Giants" was shown, it described the construction of the new harbor "Europort" at the Hook of Holland.

The March regular meeting of the Bell Metal Club was held at 9:00 AM on the 7th with President Prindle presiding and 35 members present.

The Treasurer reported a balance of \$5932.54 on hand. The decision to purchase a new horizontal band saw was approved as well as pre-welded 3/4 inch blades for the saw, as the blade welder in the shop cannot handle these. The modification of a steel table to make a better work area in regards to noise was discussed further with no definite decision being reached at this time.

President Prindle read the section of the By-Laws which has been added per a request of the Recreation Centers referring to discipline. It was approved by those present. Head Monitor Murray Young announced the need for monitors to continue to volunteer for monitor duty. There seems to always be a shortage of substitute monitors. The members who were present in the shop during the Fun Fair reported that between 50 and 60 people passed through the shop during the day, observing the equipment and other displays and asking many questions which makes the effort of those involved more worthwhile. Following the meeting a film was shown entitled "The Innovators" pertaining to the process of automobile body design.

The April regular meeting of the Bell Metal Club was held on the 4th at 9:00 AM with President Prindle presiding and with 28 members attending.

The treasurer reported a balance of \$6261.87 on hand. A new horizontal band saw will be shipped shortly and will be installed on arrival. The vertical band saw has been reconditioned and is working much better. The noisy table situation is being taken care of at the present time. Bill Silhan and George Phillips will do the bulk of the work with Don Dalton assisting. 2x4's will be laid on edge the length and width of the table, glued and bolted together with 1/2 inch tie rods prepared by Dalton, this in turn will be bolted to the table with 1x1 inch steel angle secured to all four sides and tempered masonite covering the top. It is felt this will eliminate most of the noise from hammering.

There is some concern regarding smoking at the general meetings and also smoking in the shop area. A decision will be made at the next meeting whether smoking be allowed at all in these locations. Don Dalton made a motion and it was seconded to hold the next regular meeting in the shop area. It was decided to give this a try, since the chairs are located near by and it will not be necessary to carry the coffee making equipment to the Social Hall.

The May regular meeting of the Bell Metal Club was held on the 2nd in the Metal Shop with President Prindle presiding. Comments were this is a good place for the meetings.

The treasurer reported a balance of \$5024.66 on hand. The new horizontal saw is in place and working well with the original blade still in use after three weeks. That may be a record for this shop. The new modified bench seems to be working OK. Noise reduction is noticeable and that was the reason for the change.

Summer hours are being discussed again this year

with the Recreation Center wanting the shops to be open Tuesday through Friday. The Metal Club want to be open Monday through Thursday, or even better Monday through Friday. The meeting adjourned at this point and Henry presented a film entitled "The Eastern Scheldt" dike and harbor building in the Netherlands.

The October regular meeting of the Bell Metal Club was held on the 3rd in the Metal Shop at 9:00 AM with 24 members attending. President Prindle presiding.

The treasurer reported a balance of \$6343.00 in the treasury. He asked the Recreation Centers to send a letter defining the sales tax regulations which would permit selling the items made in the shop. A shop clean-up is scheduled for Saturday, October 8th at 9:00 AM. A chairman for the Fun Fare to be held at Sundial on November 25th & 26th will be appointed soon. After the meeting refreshments were served and Paul Johnson presented a travelogue on Peru and Chile.

The November regular meeting of the Bell Metal Club was held on the 7th at 9:00 AM in the Metal Shop with 54 members attending and President Prindle presiding.

The treasurer reported a balance of \$6070.21 in the treasury.

The Nominating Committee was unsuccessful in securing candidates for the Club Officers for 1984. Therefore, the present officers all agreed to serve another term. Roy Miller was nominated to fill the vacancy of Secretary. A motion was made and seconded to begin issuing Membership Cards for 1984 on December 1st. Henry Kolb and Lee Hackney will make recommendations concerning the welding equipment at the December meeting.

After the meeting adjourned refreshments were served and the film "Pushing the Limits" was shown.

The December regular meeting of the Bell Metal Club was held on the 5th at 9:00 AM in the Metal Shop with 38 members attending and President Prindle presiding.

The treasurer reported a balance of \$6354.20 in the treasury.

A motion was made and seconded to not use the lathes in the Metal Shop for turning wood. The 1983 Club Officers have agreed to serve during 1984. The Metal Shop will be closed on Monday December 26th and Monday January 2nd, 1984. The next regular meeting will be Tuesday, January 3, 1984.

1984

The first meeting of the year of the Bell Metal Club was held on January 3rd, 1984 in the Metal Shop of Bell Rec Center at 9:00 AM.

President Prindle presided at the meeting with 39 members attending.

The Treasurer, Bob Stansel reported a balance of \$7063.73 in the treasury.

There was no old or new business recorded in the minutes of the meeting. After the meeting adjourned refreshments were served and the following films were shown. "General Aviation" and "Where Airports Begin".

The February regular meeting of the Bell Metal Club was held on the 6th at 9:00 AM in the Metal Shop with President Prindle presiding and 32 members attending.

The treasurer, Bob Stansel reported a balance of \$7247.59 in the treasury.

The President appointed a machinery purchasing committee consisting of Don Dalton, William Silhan and George Phillips to advise the club on new machinery.

It was announced that there would be a shop clean-up on Saturday, February 11th at 9:00 AM. A motion was made and seconded to withhold the purchase of fire extinguishers until George Green checks with the Recreation Centers if they will provide them.

It was decided to use only the sanding disks and belts when grinding aluminum and NOT use the grinding wheels. The treasurer has requested all members using lockers should have their dues paid by the regular meeting in March or the locks will be cut off. Refreshments were served after the meeting.

The March regular meeting of the Bell Metal was held on the 5th at 9:00 AM in the Metal Shop with President Prindle presiding.

The treasurer was absent but it was reported a balance of between \$7600.00 and \$7800.00 in the treasury.

A set of open end wrenches and a socket set have

been purchased by the club for \$30.00. Air conditioning for the shop is scheduled to be installed in the near future, more information will be forthcoming. It was suggested that the electric cords from the various machines be placed on the machines at the end of the day when they are unplugged by the monitors to help decrease cord damage.

Monitors should be alert to any abuse of the machinery. Check for damage to the tools that are checked back into the crib. A shop improvement committee has been appointed with Paul Johnson as chairman with Doc Green and Don Burke assisting. After the meeting, refreshments were served and two films were enjoyed.

The April regular meeting of the Bell Metal Club was held on the 2nd at 9:00 AM in the Metal Shop with President Prindle presiding and 31 members attending.

Bob Stansel, Treasurer reported a balance of \$7989.87 in the treasury. It was reported by the Machinery Committee that a new band saw was available for \$3200.00 without the welder but no action was taken on this purchase at this time. Also no action was taken on upgrading the welding equipment.

A used 50 gallon water heater has been offered to the club free to replace a smaller one. It was accepted with thanks. A motion was made and seconded to have the members put their phone numbers on the cards to issue tool checks. Monitors will handle this. It has been suggested that the club purchase a two wheel cart to move various items in and out and around the shop.

A movie on shop safety was shown at the close of the meeting. Mr. Darrell Worker, from the Arizona Loss Prevention Bureau presented the film "Safety in the Shop"

The May regular meeting of the Bell Metal Club was held on the 7th at 9:00 AM in the Metal Shop with President Prindle presiding and 42 members present.

The treasurer reported a balance of \$7545.19 in the treasury.

A used DoAll vertical band saw has been purchased by the Metal Club at an auction. It has a 36 inch throat and just the kind the committee has been looking for the past two years. A real stroke of luck, many thanks to the members who have spent considerable time in this effort.

Plans for constructing a storage room at the rear

of the shop were agreed on. Any member desiring to volunteer their labor on this project check with Roy Miller or George Phillips. The summer schedule for this year will be 8:00 AM to 12 Noon, Tuesday through Friday starting the first Tuesday in June and ending the last Friday in September. Monitors will work every other week during the months June, July, August and September. After the meeting refreshments were served and the film "History of Aviation" was presented.

There were no minutes from the October 1984 meeting found. However, the club must have continued to function since a November meeting was held.

The November regular meeting of the Bell Metal Club was held on the 5th in the Metal Shop with 1st VP Silhan presiding in the absence of President Prindle. 30 members were in attendance.

The treasurer reported a balance of \$7661.46 in the treasury.

The Nominating Committee reported the following candidates for the 1985 Club Officers: President, William Gresko; 1st VP, William Silhan; 2nd VP, Chet Tanberg; Treasurer, Robert Stansel; Secretary, Roy Miller; The above named will be elected at the December meeting. A motion was made and seconded to purchase six aprons for the monitors. A motion was made and seconded to require any member who wishes material ordered to sign for it before the purchase can be made.

The following committees and chairmen were named for 1985. Head Monitor - Murray Young; Purchasing - George Green; Maintenance - Don Burke; Publicity - Henry Kolb; Clean-up - George Phillips; Nominating - George Phillips; There being no further business the meeting adjourned.

The December regular meeting of the Bell Metal Club was held on the 3rd in the Metal Shop at 9:00 AM with 1st VP Silhan presiding in the absence of President Prindle and 42 members present.

The treasurer reported a balance of \$6080.00 in the treasury.

The newly purchased DoAll band saw is being cleaned and painted, as soon as electrical supplies are on hand the saw will be wired and ready for operation. This will be a fine addition to the shop machinery. It was

decided to purchase two 2-door cabinets to be put in the crib for storing the precision tools more safely.

A plaque recognizing past club presidents was presented to the club by George Green. A motion was made and seconded to sell the old band saw, a drill press and the old power hack saw. A motion was made and seconded for the club to participate in the Recreation Center Activities Exhibition at Sundial Center on January 11th & 12th from 10:00 AM to 3:00 PM.

The Officers for 1985 were duly elected and assumed their duties.

After the meeting adjourned the film "Open Waters" was presented. And so ends 1984 for the Bell Metal Club. Another good year for the club, with some machinery upgrades and disposal of some older machines.

1985

The first meeting of the year of the Bell Metal Club was held on January 7th, 1985 in the Metal Shop of Bell Rec Center at 9:00 AM.

President Gresko presided and there were 31 members present.

The treasurer reported a balance of \$6892.79 in the treasury.

As a project the club plans to construct a few water valve wrenches for sale to interested persons. These will be used to turn off the water valve in case of an emergency. The purchase of tool holders for the lathes is being considered per a suggestion.

There being no further business the meeting adjourned and refreshments were served and a film was presented by Don Burke entitled "Sea Trials".

The February regular meeting of the Bell Metal Club was held at 9:00 on the 5th in the Metal Shop with President Gresko presiding and 42 members in attendance.

The treasurer reported a balance of \$8969.94 in the treasury.

A motion was made and seconded to purchase a tool holder for one of the lathes for \$65.00. It was decided that all reinforcing rods will be cut with a cutting torch and not on any of the saws. It was made known that members should keep all personal tools and equipment in lockers and not on a roll-away cart or table due to shop space.

The members unanimously thanked Murray Young for his excellent job as Head Monitor for many years. A shop clean-up is scheduled for Saturday, February 9th at 8:30 AM. After the meeting refreshments were served and the movie "The Tall Ships" was presented by Don Burke.

The March regular meeting of the Bell Metal Club was held on the 4th at 9:00 in the Metal Shop with President Gresko presiding and 35 members present.

The treasurer reported a balance of \$9212.00.

Representatives from the Recreation Board were in the Metal Shop to see what the club had in mind for an

addition to the shop area. They suggested a larger addition than the shop had planned, and to include an overhead door. Paul Johnson was appointed Purchasing Committee Chairman. The purchase of a new belt sander is being considered, as well as an abrasive cut-off saw with a 14 inch blade for cutting hard metal bars such as re-bar.

The Fun Fare will be held on March 23rd. The shop will be open with projects and other items on display. Monitors will be on duty. The shop will close at 12:00 Noon on the 22nd for clean-up for the fair. Bob Stansel was recognized for the excellent job as treasurer for many years. The Secretary is to send a letter to the Recreation Board in appreciation for help and co-operation of the Maintenance crew.

After the meeting adjourned a film "The Honda Way" was presented and I am sure refreshments were served but it was not mentioned in the minutes.

The April regular meeting of the Bell Metal Club was held on the 1st at 9:00 AM in the Metal Shop with President Gresko presiding and 40 members present.

The treasurer reported a balance of \$8676.64 in the treasury.

There was some discussion regarding the monitor situation, but nothing definite plans at this time. A new Head Monitor will be appointed soon. The end mills which were on order have been received. The new belt sander and cut-off saw have been purchased and will be delivered shortly. These will make useful additions to the shop equipment. All tools in the crib are to be located and labeled in an effort to help the monitors who may not be familiar with the names of the tools to find them and return them to their respective places.

The May regular meeting of the Bell Metal Club was held on the 6th at 9:00 AM with President Gresko presiding and 40 members in attendance.

The treasurer reported a balance of \$8514.84 in the treasury.

The new Head Monitor is Chet Tanberg. He hopes to set up a plan for rotating monitors for crib duty.

Summer hours begin June 3rd. The shop will be open Monday through Friday from 8:00 AM to 12:00 Noon. This will continue until September 30.

A decision was made to purchase a Welco Saw and a welding curtain. (the assumption is that a Welco saw is an abrasive cut-off saw). There was some discussion on the merits of a wire welder, but no decision at this time. A motion was made and seconded to reimburse Paul Johnson the sum of \$15.00 for travel expenses on a trip to attend a machine exposition. A special guest from England demonstrated his model locomotive. After the meeting refreshments were served.

The October regular meeting of the Bell Metal Club was held on the 7th at 9:00 AM in the Metal Shop with President Gresko presiding and 38 members present.

The treasurer reported a balance of \$7393.00 in the treasury.

The membership cards for 1986 will not be issued until December 1st, 1985. The dues remain at \$2.00 per year. The new shop hours beginning today will be 8:00 AM till 4:00 PM. In case of injury during shop hours the paramedics are to be called to transport the injured to the hospital, unless the injury is very minor.

The Nominating Committee, Roy Miller and George Phillips will have a list of candidates for 1986 club officers to present at the November meeting. A lathe in the shop which is being replaced is advertised for sale. Club members will have the first chance at this. It has been suggested to purchase 2 or 3 leather aprons for use by the welders.

Don Burke has been appointed to check for parts and prices to repair the small lathe. Additional shelves for the two new storage cabinets have been purchased. Monitors should not allow members in the crib who do not need access. (this will never happen). It was suggested that all new members should be willing to volunteer to monitor or do other duty occasionally. After much discussion pro and con it was decided not to purchase a wire welder or a horizontal mill at this time.

The November regular meeting of the Bell Metal Club was held on the 4th at 9:00 AM in the Metal Shop with President Gresko presiding and 36 members present.

A balance of \$7115.33 was reported in the treasury by Robert Stansel, long time treasurer of the club.

The Nominating Committee presented the following list of candidates for 1986 club officers: President -

William Silhan; 1st VP - Chet Tanberg; 2nd VP - George "DOC" Green; Treasurer - Robert Stansel; Secretary - George Phillips;

The Metal Club will participate in the Crafts Fair at Sundial Center on November 29th & 30th. Paul Johnson will be in charge. A clean-up of the shop and rear yard area will be Saturday, November 9th.

A motion was made and seconded to purchase a new lathe, any member knowing of a 12 to 13 inch lathe which can handle a large diameter bar or pipe through the chuck is asked to contact the tool committee. A club member has offered to pay 1/2 of the cost of a horizontal milling machine with the club paying the remainder. After much discussion over a period of several months it has been decided not to award a lifetime membership to those who have performed special work for the club.

Refreshments were served after the meeting adjourned.

1986

The first meeting of the year of the Bell Metal Club was held on January 6th, 1986 in the Metal Shop of Bell Rec Center at 9:00 AM.

1st VP Tanberg presided at the meeting in the absence of President Silhan with 49 members present including 5 new members.

The treasurer reported a balance of \$7547.93 as of December 31, 1985.

Starting January 7th, 1986 the shop hours will be 9 AM to 4 PM with the monitor change at 12:30 PM. Shop aprons or smocks will be made available to all regular monitors with the understanding that the monitors clean them when needed. A safety committee has been appointed as follows: Dick Marquardt, Charles Peters and Howard Glatt to monitor and recommend safety practices in the shop. It was proposed that safety glasses and/or safety shields be provided or made available for sale.

A protective flash curtain has been proposed and it is hoped the Rec Centers will furnish this, if so, the Metal Club will install it. If any member has a locker that is no longer needed, the Head Monitor should be notified and the locker will be issued to another member. Shop clean-up has been scheduled for January 11, at 8:30 AM.

There being no further business the meeting adjourned and a very interesting demonstration of wire welding by Mr. Bill Harrington from Vern Lewis Welding Co. was enjoyed by several members.

The February regular meeting of the Bell Metal Club was held in the Metal Shop at 9:00 AM on the 3rd. with President Silhan presiding.

No word has been received from the Rec. Centers in regards to the welding curtain yet so the job is at a stand-still. Safety goggles and face shields are now available for sale in the shop. The goggles are \$5.00 each and the face shields are \$9.00 each. Their use in the shop is encouraged.

The new cut-off saw is quite noisy while in use. A 220 Volt receptical is to be installed on the outside of the shop so the saw can be used at that location. There are 3 lockers available at this time, see 1st VP Tanberg. The RED safety line on the floor near the front of the shop

is in need of repainting. This will be done soon.

Enough interest has been indicated for field trips to various manufacturing and other type facilities in the valley, methods of transportation are being investigated. The tool chest which was donated to the Metal Club by Mrs. Lafayette to the highest bidder. Three sealed bids were received. They were \$95.00, \$105.00 and \$137.50. Dick Marquardt is the proud new owner. Thanks to those who submitted bids.

After the meeting adjourned, a very interesting program of films on Safety was shown by Mr. Del Worker of the Industrial Commission of AZ.

The March regular meeting of the Bell Metal Club was held on the 3rd at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$8392.18 on hand.

The Fun Fair at Bell Recreation Center will be held Saturday, March 15th. Metal Club members are encouraged to bring the projects made in the shop and display them. The Car club will display some of their restored vintage cars. Refreshments will be served in the Metal Shop that day. The shop will close at 12:30 on the 14th for cleaning. BE THERE TO HELP!!!!

THINK SAFETY. Safety glasses and or shields should be worn when working in the shop. An injury occurred recently in the shop when an electric cord to one of the machines was accidentally bumped and it shorted causing a burn. Thankfully it wasn't very serious, but it could have been. Safety lines have been painted on the floor, beyond which safety glasses should be worn.

The Head Monitor thanked all the monitors for their continued efforts. It is hoped that three monitors can be in the shop at all times, with one of the three assigned to the tool crib with the door locked in an effort to limit traffic and commotion in the crib. A list of the people who will have access to the crib at all times will be posted in the crib. All others will use the window to check tools in and out, thereby giving the crib monitor some control of the situation.

Members using the various machines will be responsible for cleaning the machine and the immediate area when finished. BE SURE TO TURN IN TOOL CHECKS BEFORE LEAVING THE SHOP. Your cooperation is expected. Nothing definite on the shop field trips at this time. Doc Green reported that the shop finances that are available for the

purchase of machinery and shop equipment is from work done by a relatively few members who are willing to donate many hours of their time to the repair of golf course equipment and mower parts and many other repair jobs for individuals and the Recreation Centers.

If the air conditioning needs adjusting, the monitor should call Mr. Larry Pozzi, Bell Rec. Center Maint. Supr. The meeting adjourned and a most interesting film on Alaska was shown and enjoyed by all.

The April regular meeting of the Bell Metal Club was held on the 7th at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$7915.52 in the treasury.

The Head Monitor reported the tool crib will be manned at all times. Three monitors will be on duty with the floor monitors assisting members in setting up machines and advise in their use. Work in the shop should not start before normal starting time, except for the maintenance crew. Monitors on duty should monitor and refrain from doing personal work except during slack periods. Safety in the shop and proper care of tools and machinery are of utmost importance.

It was suggested a special grinding wheel be purchased for sharpening carbide lathe tools. President Silhan most generously invited all monitors and other participating members to be his guests at a breakfast at Bob's Big Boy Restaurant April 19th at 9:00 AM. (by participating, I mean members who are willing to donate a few hours of their time a week to helping the shop continue to operate as opposed to non-participating who are members who only come to the shop when they have a job to do and have no time for the shop. In plain language--DEAD WOOD.)

The May regular meeting of the Bell Metal Club was held on the 5th at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$7899.91 on hand.

A list of shop safety rules are being put together and will be available soon. A new spindle has been installed in the milling machine purchased from the estate of Bob Hutton, a past club Secretary. After the installation of one more part the mill will be ready for operation.

The summer schedule will begin June 3rd. The

shop will be open Tuesday through Friday from 8:00 AM to 12 Noon. Monitors will alternate weeks. Morning monitors will be on duty one week and afternoon monitors will be on duty the following week on their assigned days. A Fun Fair will be held on November 28th - 29th at Sundial Recreation Center. The Metal Club has reserved 5 tables for the display of items and projects made by club members.

The June regular meeting of the Bell Metal Club was held on the 2nd. at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$7944.52 on hand at this time.

The summer Monitor schedule is posted on the bulletin board. Notify Head Monitor Tanberg if any change is necessary. All members are urged to follow the crib rules and check out tools at the window. The theme of the Festival this year will be Christmas. All Recreation Centers activities will be closed on November 28th - 29th.

In regards to the shop field trips, nothing is being planned until next fall when the shop can be back in full swing.

The October regular was held of the Bell Metal Shop was held on the 7th at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$8447.98 on hand.

A letter received from the Recreation Centers concerning accidents in the Craft Shops was read to those attending urging caution when working with equipment. Be on the alert for unsafe practices. The shop has purchased some tools and supplies from a Mrs. Fairlie. A lathe was also purchased from Lyle McGowen, a member.

The Nominating Committee consisting of the following members: Dick Marquardt, Paul Johnson and Doc Green presented the following slate of candidates for 1987. President; Chet Tanberg. 1st VP; Dick Marquardt. 2nd VP; Doc Green. Secretary; George Phillips. Treasurer; Ralph Gardner. There will be a sale of excess hand tools at the November meeting. Another tool sale will be during the Craft Show on November 28-19.

The November regular meeting of the Bell Metal Club was held on 3rd in the Metal Shop at 9:00 AM with President Silhan presiding.

The treasurer reported a balance of \$7633.92 on

hand.

Wear eye protection when working in the shop as well as your membership card. The welding rod stubs should be put into the can on the welding bench that is provided for that use. This will keep the stubs from being thrown on the floor for someone else to clean up. The Head Monitor thanked all the regular and substitute monitors for their continuing efforts. All members should be aware of the shop policy of cleaning up any mess they make.

The candidates for the 1987 officers were presented to the membership. No further nominations were made from the floor and a motion was made and seconded to close the nominations. Motion carried. After the meeting adjourned, a very amusing and interesting talk was given by Mr. Chet Becker including poems, jokes, stories and tales which produced many chuckles and laughs.

The December regular meeting of the Bell Metal Club was held on the 1st at 9:00 AM in the Metal Shop with President Silhan presiding.

The treasurer reported a balance of \$7677.12 on hand at this time.

In relation to the Art & Crafts Festival, following the breakfast at Bob's Big Boy Restaurant, the group proceeded to the shop to clean it for the Festival. Many comments were received from the other members about how nice the shop looked. Many thanks to the 'Prez' for the breakfast. It was enjoyed by all. A large number of items were on display such as, model engines, solar cookers, horseshoe puzzles, water valve wrenches, figurines and other conversation pieces. The Car Club displayed some of their restored automobiles. Many, many visitors passed through the displays, and the club sold \$230.00 worth of items. Refreshments were served.

The Officers for 1987 were elected by acclamation and assumed their duties. The new Head Monitor appointed is Frank Furtmann. The 1987 Membership Cards are now being issued. They contain a clause stating each member will agree to be available for monitor duty once each quarter, and the shop assumes NO RESPONSIBILITY for accidents or injury while working in the shop.

A motion was made and seconded to present a plaque to Bob Stansel serving 7 years as Treasurer of the Bell Metal Club. Motion carried.

And so ends the 11th year of The Bell Metal Club.