

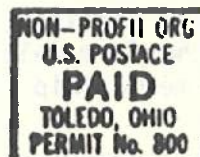
THE MIDWEST FACETER



VOLUME 6, NO. 1
DECEMBER, 1984

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

THE MIDWEST FACETER
11630 S. Gera Road
Birch Run, Mi. 48415



Woodruff, Daniel F.
279 N. Venoy Circle
Garden City, Michigan 48135

THE MIDWEST FACETER

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

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Ted F. Engel, Vice-President
Bernard Busch, Secretary
Emery L. Holt, Treasurer
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Membership - Arthur Kalinski
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Show - Harold "Arizona" Rice
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Harold "Arizona" Rice
William Schell

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ATTENTION GUILD MEMBERS

William Gardiner, your Membership Chairman, keeps the mailing list up-to-date. Use the form below if your name or address contains errors, or if you are renewing your membership. New members may also use this form to join.

Tear Off

Tear Off

Tear Off

FACETERS GUILD APPLICATION FORM

NAME _____

COMPLETE ADDRESS _____

TELEPHONE _____

ZIP CODE _____

This fiscal year is Jan. 1 through Dec. 31st. Dues are \$5.00 per year or portion of a year. Make checks payable to Midwest Faceters Guild and send to William Gardiner, 4518 Sandstone Drive, Williamston, Michigan 48895.

MIDWEST FACETERS GUILD

AN AFFILIATE OF
MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

THE PRESIDENT'S REPORT - 1984

This has been a very good year for the Midwest Faceters Guild. We have reached out to the far reaches of the Midwest. We have held meetings in the following cities:

London Ontario
Taylor Michigan (Dearborn)
Chicago Illinois (Lizzadro Museum)
Toledo Ohio
Mount Clemons Michigan

We have held demonstrations, representing the Midwest Faceters Guild, in the following shows:

Cincinnati Ohio
Chicagoland Illinois
Milwaukee Wisconsin - Midwest Federation Show
Detroit Michigan (Harriet George came to assist from
Chicago, Illinois.)
Flint Michigan
Cleveland Ohio
Howell Michigan

We have grown as a result of these endeavors to near 400 members. Our goal is always to reach out and try to educate in the art of faceting. In this respect, this year was a banner year.

We have contributed to the preliminary approach to a judges manual, and also to the next AFMS uniform rules book. We have revised our own rules and added 7 classes, included is a class for photography. At our next show, we will have expanded to 25 classes in competition.

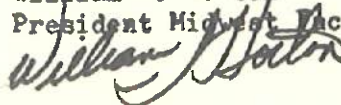
I have represented the Guild in Midwest Federation meetings. They are well aware that we are growing, when the trend in the Midwest has been to decrease in memberships. Now that we are in the positive, we must make a commitment to keep in that positive direction, and hold that membership.

Through death and disorder, we have also lost some very valuable people. The loss of Helen Murry was a disaster. I don't believe it's possible to describe or measure all of her contributions to the guild. The Bulletin has been a very tough chore to keep ahead of, when it's due. I would like to give a very special thanks to the following people for their efforts to make the Bulletin a good one.

Ellery and Jean Holt.
Kathleen and Ed Myers
Harold Rice
Dorothy Loyd
Francis and Bernard Bush (They sort and mail)
Charles Horn
Al Cunningham
Francis Bush's Daughter and Daughter-in-law

I would like to take this opportunity to thank everyone in the Midwest Faceters Guild for Making this such a super Year. One thousand ATTA-BOY'S to all of you.

William J. Horton
President Midwest Faceters Guild



MIDWEST FACETERS GUILD

AN AFFILIATE OF
MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

THE MURRAY AWARD FIRST ANNUAL

The "MURRAY AWARD" is being given to recognise the tremendous efforts and contributions made by Helen and Lawrence Murray towards the Midwest Faceters Guild. The Board of Directors Of the Guild voted in favor of this award, to be presented each year at the annual election meeting. This award will be a traveling award. It will be returned each year at the October meeting to be given again to the person who has contributed the most to the Midwest Faceters Guild. A trophy will be given to the winner, as an individual trophy, as the MURRAY TROPHY advances.

This year was a difficult year to select a winner. This has been such an active year that there were many candidates. However the first winner of the MURRAY TROPHY is a very deserving individual. The first winner is Harold "Arizona" Rice. The following are a sample of the many ways Harold has promoted the Guild.

1. Harold was instrumental in the organization of the Guild.
2. He was a Charter President, and stayed on the Board of Directors as President for six years.
3. Harold was instrumental in the writing of the Constitution.
4. Harold demonstrates at many shows, representing the Guild.
5. Harold always represents the Guild in an out-going friendly manner, with a big smile and a ready handshake. Most people in the Midwest know the name, Arizona Rice.
6. Harold works on the Bulletin.
7. Harold Teaches Faceting.
8. Harold is serving his eighth year on the Board of Directors of the Midwest Faceters Guild.
9. Harold Is the 1985 show Chairperson, taking over since the demise of Helen Murray. After the show, anyone who is interested, could probably find Harold calling a square dance. He is tireless in his energies.

At this meeting, October 27, 1984, I take great privilege in presenting Harold Rice with the First Annual MURRAY AWARD.

William J. Horton
William J. Horton

President Midwest Faceters Guild

MIDWEST FACETERS GUILD

AN AFFILIATE OF
MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

ELECTION OF BOARD OF DIRECTORS MIDWEST FACETERS GUILD 1984

This year marks the termination of the term of office to the Midwest Faceters Guild, Board of Directors for the following officers:

Lawrence Murray
Ernest Michaud
Edward Myers

I'm sure that everyone in the entire Guild will join me in a heartfelt "THANK YOU" to each of these individuals. It is the efforts of people such as these that make our Guild a viable organization. Without their efforts we would not be as strong as we are. All three of these gentlemen are Charter Members of the Midwest Faceters Guild. They were instrumental in the organization of the Guild and it's progress to make it what it is today. The Constitution requires that six years is the maximum service possible. This is the only reason that these gentlemen are sitting down. However, it would be very good for the Guild, should they run for re-election next year.

On this meeting, October 27, 1984, the following members have agreed to serve on the Board of Directors. Only three will be elected.

Elery Holt
William Bowles
William Schell
Stanley Marks
Joseph Manina
Tom Gibbs

All of these gentlemen are well qualified to serve as Directors. They will, if elected, to the best of their ability, direct the business of the Guild.

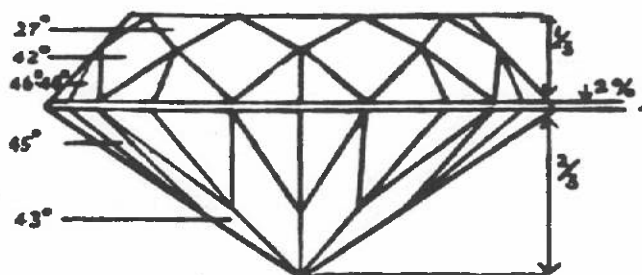
I would like to congratulate the nominating committee for a very thorough decision on their choice of candidates. The nominating committee are the following following people:

Edward Myers
William Gardner
Joan Connors

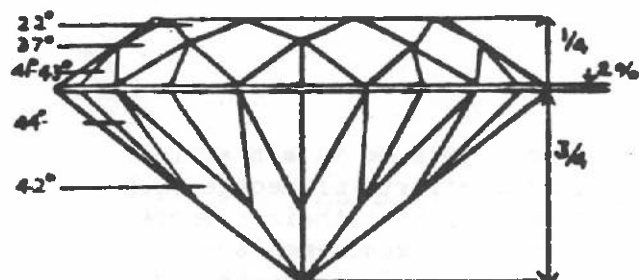

William J. Horton
President Midwest Faceters Guild

Transposition of Angles

QUARTZ - MAIN ANGLES: CROWN 42°; PAVILION 43°



SAPPHIRE - MAIN ANGLES: CROWN 37°; PAVILION 42°



In order to bring out the greatest brilliance in any gem stone the angles of the main facets must be cut at a definite inclination to the plane of the table. The angle of inclination is determined by the refractive index of the gem material.

The cuts in this book are based on the angles for quartz and must be transposed if cut in other materials.

For most cuts there are three rules which will make transposing of the angles a simple matter:

(1) For the crown, the difference between the main facets and the table or (star facets) is 15 degrees; and,

(2) The angle of the crown girdle facets will usually be 4 to 6 degrees lower than the main facets providing the crown is the proper height.

(3) For the pavilion, the girdle facets are always brought 2/3 of the way down toward the culet, sometimes more, and will have a difference of 2 degrees in angle between the pavilion girdle facets and the pavilion main facets.

For some cuts, where you find sets of facets to transpose that do not come under the head of main, girdle or table facets, just find the difference (by referring to the chart next page) between the main angles for quartz and those for the material at hand, then change all the other sets of facets by the same amount. In this way you will keep the basic relationships between the facets; they will all 'point up' properly, in spite of the fact that, due to the change in main angles, the gem will be either deeper or shallower than a quartz gem would be.

EXHIBITOR'S RULES & ADVISORY

6

1. **HOURS:** The Fair will be open to the public as follows:
Saturday 10:00 A.M. to 9:00 P.M.
Sunday 10:00 A.M. to 6:00 P.M.
2. **REGISTRATION AND RIBBONS:** Exhibitor is to check in with the Exhibit Chairman to receive display space location, number and exhibitor's ribbon. Exhibitor's ribbon authorizes free admission to the Fair. Mail-in entries will receive a numbered receipt which must be presented at the time of entry return.
3. **JUDGING:** Competitive exhibits will be judged beginning at 10:00 A.M. Saturday using the Third Edition Midwest Faceters Guild Rules.
4. **DISPLAY SET UP AND REMOVAL:** Each exhibitor must have his display installed and in proper order before 10:00 A.M. Saturday, May 11, 1985 and preserve it intact until the show closes Sunday, May 12, 1985 at 6:00 P.M. Display may be set up any time after 2:00 P.M. Friday, May 10th and must be removed by 8:00 P.M. Sunday, May 12th. Set-up time is also available on Saturday from 8:00 A.M. till 9:30 A.M.
5. **RESTRICTIONS:** The Midwest Faceters Guild reserves the right to restrict any exhibit which for obvious reasons is objectionable, and also to prohibit any exhibit which in the opinion of the display committee may hinder the general character and atmosphere of the show. Distribution of advertising matter in any part of the show is strictly forbidden without the written authorization of the show committee.
6. **SECURITY & LIABILITY:** The Midwest Faceters Guild and the Lucas County Recreation Center patrol will furnish around the clock security and will take all reasonable and expected precautions to protect the property and person of each exhibitor. However, it is mutually agreed that the Midwest Faceters Guild, its members, its officers or its authorized agents shall not be liable to any exhibitor for any damage to or for the loss or destruction of any exhibit in whole or part. This includes the property of any exhibitor or injury to his person from any cause. All claims for any such loss, damage or injury is expressly waived by the exhibitor. Submission of this signed application for exhibitor space constitutes acceptance of all the rules and regulations as outlined above.
7. **MAIL-IN ENTRIES:** Mail in entries will be permitted in any classes where showmanship is not judged. Entries must be in the hands of the exhibit chairman by April 1, 1985. Entries should be sent insured and registered mail and fees for the return of entries must be included with each entry. Entries will receive a numbered receipt which must be presented at return time.
8. **APPLICATION DEADLINES:** Applications for display should be received by the exhibits chairman by April 1, 1985. Competitive exhibitors are responsible for choosing the proper Class and Exhibitor Group.
9. **APPEALS:** Appeals concerning competitive scores will be received by the judging chairman for three (3) hours of show time after scores are publicly posted. Scores are not final until the appeal period has expired.
10. **THANK-YOU FOR EXHIBITING. ENJOY THE FAIR!!!!**

MIDWEST FACETERS FAIR

Lucas County Recreation Center Maumee, Ohio

APPLICATION FOR DISPLAY SPACE

NAME _____

ADDRESS _____ **PHONE** _____

CITY _____ **STATE** _____ **ZIP** _____

ALL COMPETITIVE EXHIBITS; FILL OUT THE FOLLOWING INFORMATION:

CLASS NUMBER: _____

EXHIBITOR GROUP: _____
(Master, Advanced, Novice, Junior, Society)

CASE SIZE: Width _____ Height _____ Depth _____

MAIL-IN EXHIBITS, FILL IN THIS ADDITIONAL INFORMATION:

EXHIBIT RETURN ADDRESS: NAME _____

ADDRESS _____

CITY _____ **STATE** _____ **ZIP** _____

AMOUNT OF INSURANCE DESIRED _____ (You must include return postage and insurance fees)

NON-COMPETITIVE EXHIBITS, FILL OUT THE FOLLOWING INFORMATION:

TYPE OF EXHIBIT _____
(Faceting, Jewelry, Educational or Special)

CASE SIZE: Width _____ Height _____ Depth _____

I have read the Exhibitor's Rules and Advisory pertaining to this show, and agree to abide by them.

Exhibitor's Signature _____

ENTRIES MUST BE RETURNED BY
Kathleen Myers, 11630 S. Gera Road, Birch Run, MI. 48415
Phone 517-624-9178

☐ Please return entries by mail.

☐ I will collect entries at the Fair Sunday. (Bring your receipt)

THIS FORM MAY BE DUPLICATED

THIS NEWS COMPLIMENTS OF THE TEXAS FACETERS GUILD NEWSLETTER !

MORE INFORMATION AS SOON AS I RECEIVE IT FROM AUSTRALIA.

Kathleen

NEWS BRIEF FROM AUSTRALIA

Glen and Martha Vargas have just recently returned from Australia and they have brought us some exciting news. The Australian faceters have challenged the USA faceters to a contest. It sounds to me as if our friends from down under are doing great things in the field of faceting.

The four cuts included in this notice are their choices for this competition.

INTERNATIONAL COMPETITION

DRAFT SCHEDULE

- 1) Standard oblong (rectangular) cut: -
Specified size: 8mm x 9mm
Specified material: Natural Topaz
- 2) Step Cut Sphere: -
Minimum size: 15mm
Specified material: Natural colourless quartz
(rock crystal)
- 3) Frosted Rectangular cut: -
Minimum size at shortest axis measured at girdle: - 6mm
Specified material: Synthetic Blue Quartz
- 4) Devil's Triangle Cut: -
Minimum size: 12mm from outside point to point around girdle
Specified material: Coloured Cubic Zirconia

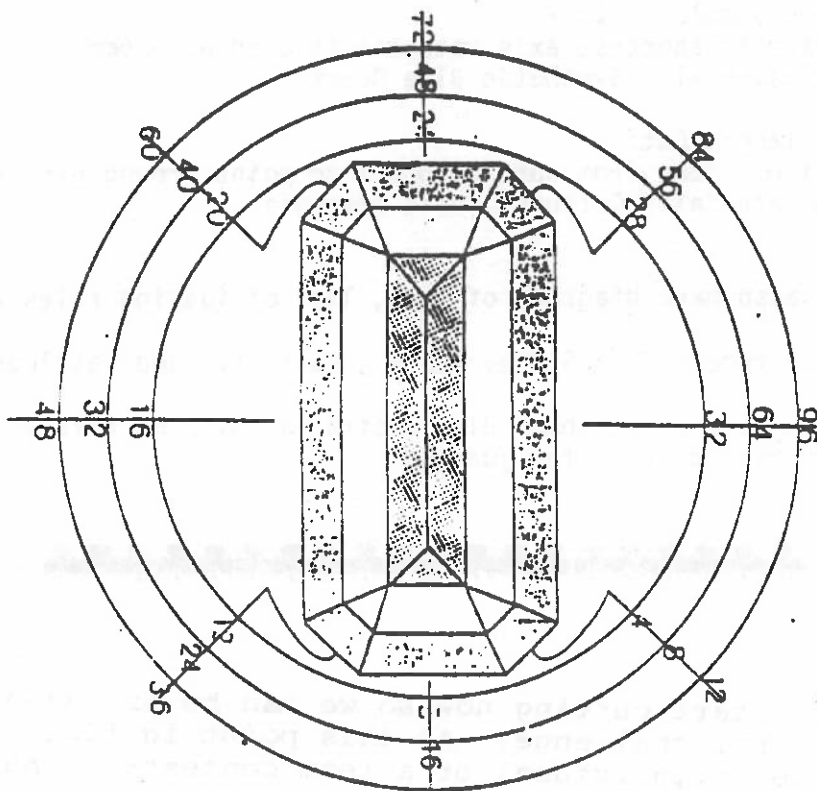
Schedule will also have diagrams of cuts, list of judging rules and conditions.

Entries will be received in Sydney N.S.W., Australia and catalogued.

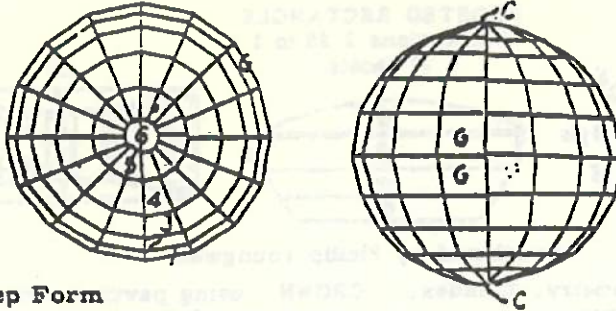
Judging will be done in Brisbane Qld, Australia, with no reference to the identity of competitors available to the judges.



P.S. Let's all start cutting now so we can be prepared for this International challenge! At this point in time it is unclear if this will be an individual or a team contest-- I have sent for the details.



BEADS AND SPHERES



Step Form

162 facets

FIRST SIDE: sixteen-fold symmetry, 32 index, using the eight-fold asterisk and midpoint settings. For larger indexes, see the eight-fold transposition chart.

- 1- sixteen girdle facets (G) at 80° , on the sixteen equidistant settings.
- 2- sixteen 80° facets.
- 3- sixteen 40° facets.
- 4- sixteen 20° facets.
- 5- sixteen 15° facets. Use this step only if the stone is to be a sphere.
- 6- one cap facet (C) at 0° . If the stone is to be a bead, skip step 5, and cut the cap facet large as in the right of the drawing.

POLISH: 1 to 6 as cut.

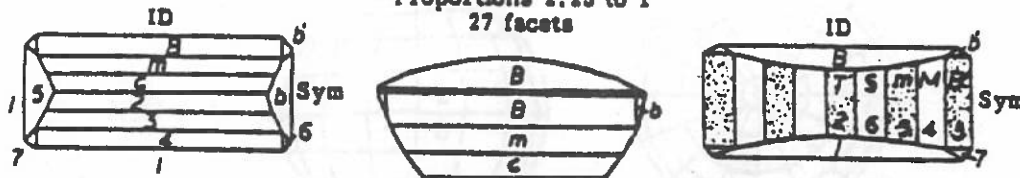
SECOND SIDE: all facets are cut on the same settings as the first side.

- 1- align stone by carefully cutting and adjusting (at 80°) facets to match the step 1 facets of the first side. The girdle must be a line meeting perfectly around the stone.
- 2-3-4-5-6- are repeated as for the first side.

The cutting of a bead or sphere is not as difficult as may be thought. Each is in reality a derivation of one of the more usual cuts. The step bead is a derivation of the round step cut, with the culet replaced by a cap facet, or a group of small facets. The brilliant bead is a derivation of the Portuguese cut, with the culet again handled in the same manner.

FROSTED RECTANGLE

Proportions 2.25 to 1
27 facets



Contributed by Phillip Youngman

PAVILION: two-fold symmetry. 32 index. using all asterisk settings.

- 1- four girdle facets at 90° , on ID and symmetry settings and their opposites. (32-16/8-24) These will set the size and dimensions of the stone.
- 2- two culet facets (c) at culet angle, on ID setting and its opposite. (32-16)
- 3- two main facets (m) at culet angle plus 7° , on step 2 settings.
- 4- two break facets (B) at culet angle plus 14° , on step 2 settings.
- 5- two end break facets (b) at culet angle plus 22° , on symmetry setting and its opposite. (8-24)
- 6- six corner facets (b') at culet angle plus 20° to 24° , on the asterisk settings not used in step 1. (4-12-20-28)
- 7- four girdle facets at 90° , on step 6 settings.

POLISH: 2-3-4-5-6. Do not polish the girdle.

This diagram is the rectangular version of the Frosted Parallelogram (adjoining). It is easier to cut than the parallelogram. This cut shows an interesting checkered pattern in contrast to the "X" pattern of the parallelogram.

Mr. Youngman states that he prefers this cut to the parallelogram, but the authors see it just the opposite. Actually, however, it is difficult to compare them as they are quite different.

CROWN: using pavilion settings. Align stone by indexing a long girdle facet to ID setting and place it flat to the polishing lap. Polish the girdle on the settings as cut. (pavilion steps 1 & 7)

- 1- two break facets (B) at crown angle plus 16° , on ID setting and its opposite. (32-16)
- 2- cut the table (T) at 0° to where its width is about one-fourth of the length of the stone.
- 3- two end break facets (B') at crown angle less 8° , on symmetry setting and its opposite. (8-24)
- 4- two main facets (M) at crown angle less 15° , on step 3 settings.
- 5- two main facets (m) at crown angle less 24° , on step 3 settings.
- 6- two star facets (S) at crown angle less 33° , on step 3 settings. The step 2, 3, 4, 5, 6 facets should divide the crown into nine equal parts. If not, recut the smaller facets to equal sizes.
- 7- four corner break facets (b') at crown angle plus 4° to 7° , on the fourth setting to either side of step 1 settings. (pavilion step 6)

POLISH: 6-4-7-1. Do not polish steps 2, 3, and 5.

The proportions given above should be adhered to closely. If the stone is much shorter, the checkerboard pattern will be distorted.

As for the parallelogram, this cut is best used with a light to medium colored material.

By Betty Scott

Hetty Scott, a graduate student from Grieger's and a cutter for less than one year, was asked by us to create a new design. We wanted to call it the OEVILS TRIANGLE. The idea was to make a devil's face on the crown and a maelstrom on the pavilion. On her first attempt she accomplished the exact pattern we suggested. The cut is brilliant and scintillates more than any other triangle cut we have yet seen. The original stone was cut from medium blue spinel. We suggest that a light to medium color material be used for this cut. Some etching is necessary to make facets and points meet. Follow instructions and you will have no trouble. Make adjustments to fit the size of your stone. Original finished was 12 mm. from outside point to point around girdle.

CUT GIRDLE AND SHAPE STONE BEFORE STARTING ON ANGLE FACETS.

GRIND EIGHT CUTS AT 90 DEGS.

INDEX--94-2-30-34-62-66

CUT AND POLISH TABLE EITHER FIRST OR LAST AND ALLOW AT LEAST 40% FOR THE TABLE. THE ORIGINAL STONE WAS CUT BY MAKING THE TABLE FACET FIRST-- THEN DOPPING THE TABLE AND CUTTING THE PAVILION. THE CROWN WAS CUT LAST. THE TABLE WAS POLISHED LAST.

CROWN CUTTING ORDER:

- 1st. THREE FACETS AT 75 DEGS.
INDEX—16-48-80
- 2nd. SIX FACETS AT 62 DEGS.
INDEX—94-2-30-34-62-66
- 3rd. SIX FACETS AT 42 DEGS.
INDEX—~~one at 96~~—one at 26 (C.R. 2°)
one at 40—one at 56—one at 70 (C.L. 2°).
- 4th. TWO FACETS AT 25 DEGS.
INDEX—70-76
- 5th. ONE FACET AT 20 TO 25 DEGS.
INDEX—40
- 6th. TWO FACETS AT 33 DEGS.
INDEX—78-60

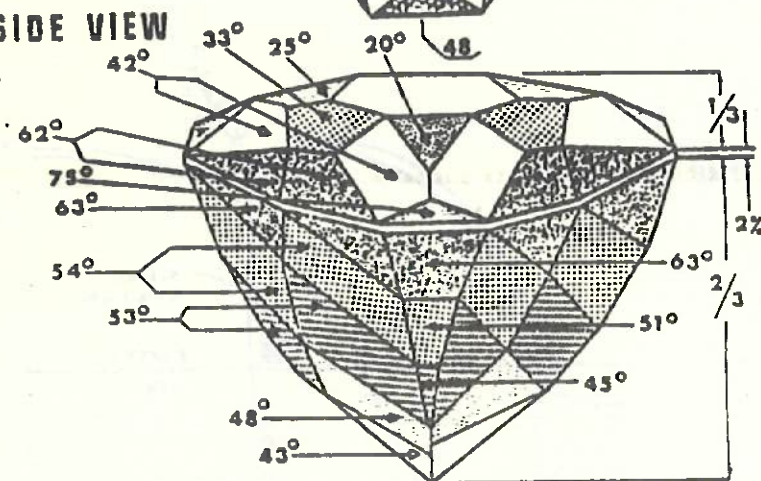
POLISH ORDER—USE DIAGRAM AT LEFT (CODE)
USE SAME ANGLES-ADJUST TO FIT.

PAVILION CUTTING ORDER:

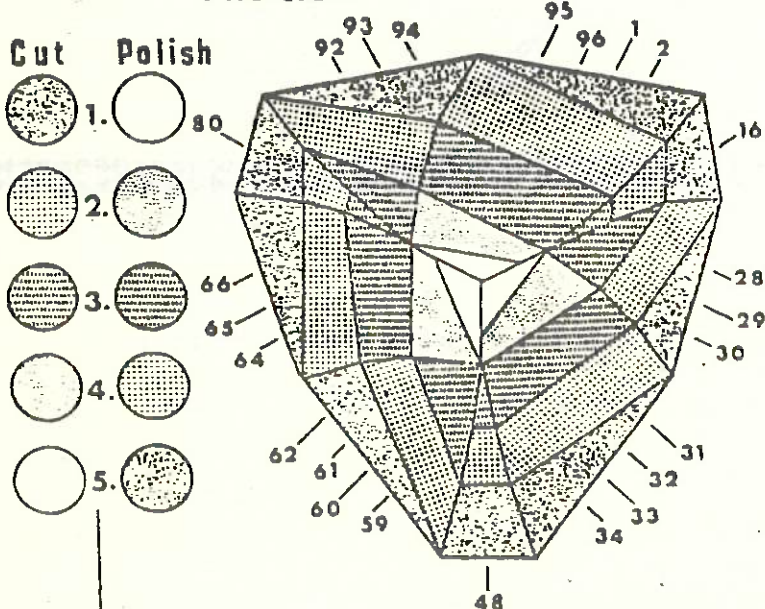
- 1st. SIX FACETS AT 63 DEGS.
INDEX--94-2-30-34-62-66
- 2nd. SIX FACETS AT 54 DEGS.
INDEX--93-1-29-33-61-65--(C.R. $\frac{1}{2}$ deg.)
- 3rd. SIX FACETS AT 53 DEGS.
INDEX--92-96-28-32-60-64--(C.R. $\frac{1}{2}$ deg.)
- 4th. THREE FACETS AT 48 DEGS.
INDEX--96-32-64--(C.L. $\frac{1}{2}$ deg.)
- 5th. THREE FACETS AT 43 DEGS.
INDEX--95-31-59--(C.L. $\frac{1}{2}$ deg.)
- 6th. THREE FACETS AT 63 DEGS.
GRIND AS #1 CUT OR FIT AFTER ALL FACETS
ARE CUT.
INDEX--16-48-80
- 7th. THREE FACETS AT 51 DEGS.
GRIND AS #2 CUT OR FIT AFTER ALL FACETS
ARE CUT.
INDEX--16-48-80
- 8th. THREE FACETS AT 45 DEGS.
GRIND AS #3 CUT OR FIT AFTER ALL FACETS
ARE CUT.
INDEX--16-48-80

POLISHING ORDER--USE DIAGRAM AT LEFT (CODE)
USE SAME ANGLES-ADJUST TO FIT.

NOTE: CHEATING WILL VARY AS TO SIZE OF FACET-
ADJUST TO FIT.



PAVILION

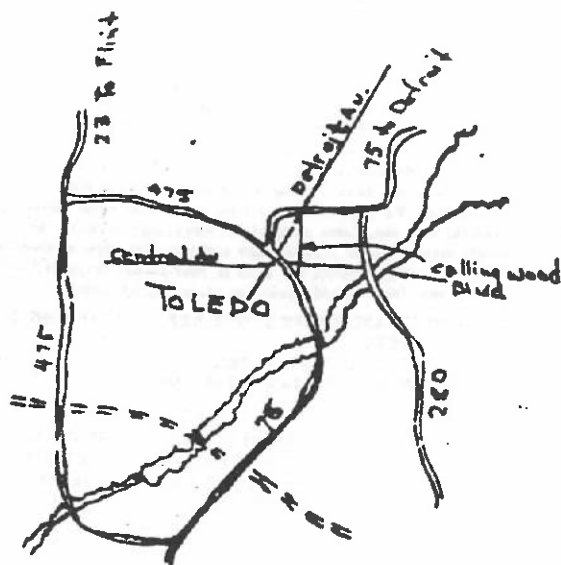


MAP of TOLEDO
AREA

NORTH



Come Join Us!

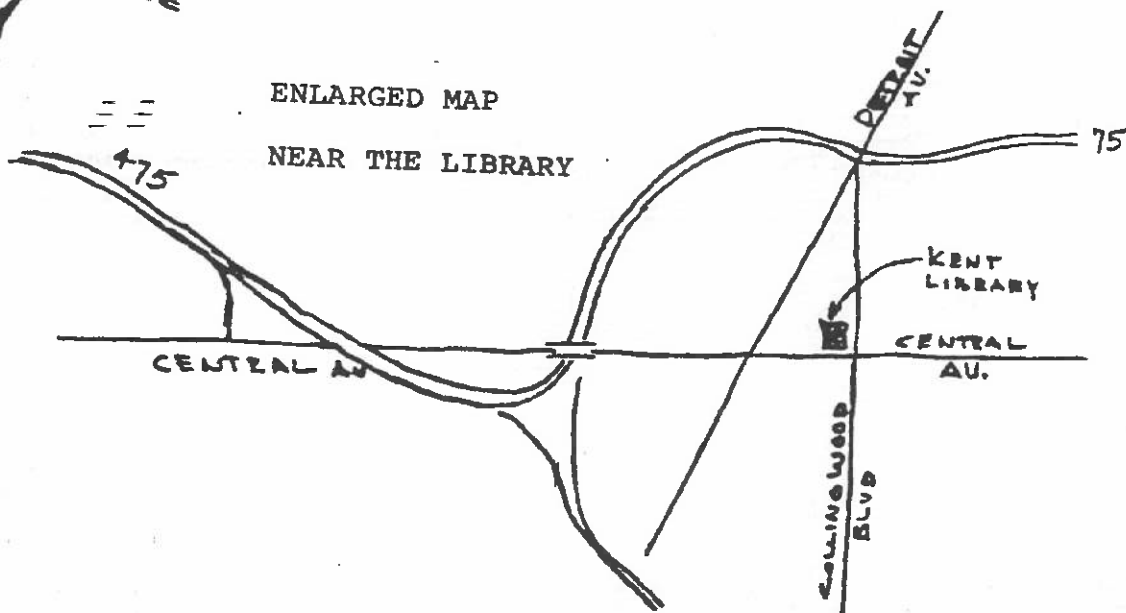


From the North, on 23:
take 475 to Toledo & get off
at Central Ave. interchange.
Turn left on Central.

From the north, on 75: get off at
Phillips, to Detroit Ave., then left
on Detroit, a short distance
to Collingwood Blvd.

ENLARGED MAP

NEAR THE LIBRARY



DATES TO SAVE

January 26	Toledo Area Educational Meeting (see above map)
April 20	Educational Meeting & Fair Details - Flint Area
May 11 & 12	Faceters Fair, Maumee Ohio
June 15	Educational Meeting - CZ Factory Shelby, Michigan
October ---	Annual Meeting Mt. Clemens Recreation Center





GET YOUR EXHIBIT READY!!!

We need every exhibit possible. Please make a commitment now to help make this the BEST show in the Midwest-- we together can do it !!!!

EXHIBITOR TIPS

by Kathleen Myers

Before lining your case look at your genstones and think of possible groupings for a beautiful and interesting display. Since a group label of the same material is permitted you may reduce the number of labels you need by grouping if feasible.

Risers may be of different sizes and/or shape, but do not clutter the case with too many risers. Remember you are showing gemstones not risers! If risers are too high it will separate your display and not hold the attention of the viewer, make them just high enough to permit better viewing of your genstones.

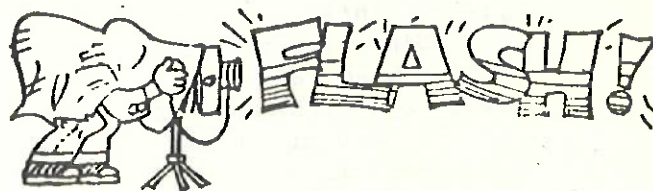
A general rule is to plan your case to have a focal point near the middle of the case and toward the back or front and center. Place your most spectacular gemstone there. You have to experiment with arrangements to work out the best for your case. Do NOT crowd it!

Be sure to check the rules for number limitations of the classes you plan to enter.

Organize your case so the eye moves easily from one part of the case to the next. Colors should be arranged to have a pleasant balance.

For jewelry, you can design holders, but do not overdo or else you see nothing but the holders. Remember when designing risers or holders always take into consideration the lining material you may be using and how much stretch it has to conform to the shapes. Don't be afraid to be original but do not sacrifice the gemstones you are showing for the sake of originality of display. After you have made an arrangement, walk away then come back and recheck. Have friends come in and request their reaction.

Keep in mind Always- you are showing GEMSTONES not risers. Show off your beautiful work to its best advantage!



NOTE NOTE NOTE !!!

Prescribed Cut Class 3

Several questions have been asked about the "exact size" for this class. The specification for size is on Step 11 of the diagram-- "Table 35%". No matter what size heart you wish to cut your only "exact size" is a 35% table!

Sorry for the confusion-

K. Myers

CHEER UP!

Our Vice President is recuperating from a heart attack. Boo-Boo Ted. We are all hoping for a quick and good recovery. We will miss you and be very happy to see you when you are able.

You're Invited

As you can see in this bulletin, we have included an application for display space. Have you readied your case for the show? The show will be here before you realize it. Now is time to get started. We need everyone's help to make the show a success.



This helpful hint comes to you from Betty Mack, of Bridgeport, Michigan

When cutting stones of material that have a tendency to chip, cleave or disintegrate, try using glue to prevent this.

Since the chipping seems to happen when polishing the final facets; usually the final four.

1. Cut and polish the pavilion in the usual way;
2. Cut and polish the crown up to the final four facets;
3. Prepare a small amount of 330 Epoxy according to the directions on the package;
4. After 15-20 minutes, using a toothpick as a tool, spread a thin layer of glue on the unpolished pavilion and girdle facets adjacent to the unpolished facets. Permit the glue to harden.
5. Using a slow lap speed, 100-200 r.p.m., or even with the lap stationary, polish with light pressure rotating the lap back and forth by hand, until the gem is finished.



program

There will be some super programs at the show in May. Spread the word. Bring a friend!! Glen and Martha Vargas will be giving us some very good programs. Mr. Bill Boyajian from G.I.A. will also be there. He will be giving us some programs on Saturday, May 11, 1985. Plan to be in on this information. It's the chance of a lifetime!!!

Mr. Elery Holt, Mr Tom Gibbs, and Mr. William Schell were elected to serve on the Board Of Directors for the next three years. I Would like to welcome theses gentlemen.

I would like to thank once again Mr.E. Michaud, Mr. L. Murry, and Mr. E. Myers for there efforts during the past five years of service. 10,000 ATTA-BOYS to all of you.

W.Horton



Mr. Elery Holt is the newly elected treasurer. He is requesting the use of this form if you submit a bill to the Guild for payment.

REQUEST FOR CHECK

DATE: _____

AMOUNT: \$ _____

PURPOSE: _____

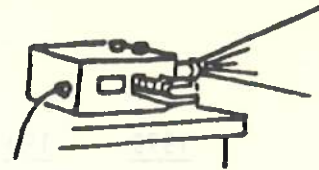
MAKE CHECK OUT TO: _____

ADDRESS: _____

ZIP: _____

REQUESTED BY: _____

APPROVED: _____



HUTCHINSON'S LAW

If a situation requires undivided attention, it will occur simultaneously with a compelling distraction. (Have you mis-indexed lately?)

CHECK NUMBER: _____

DATE OF CHECK: _____

LEAVE BLANK

MIDWEST FACETERS GUILD

BOARD OF DIRECTORS

<u>NAME</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
D. Miller	X	X	X	X*	X	X			
H. Rice	X	X	X	X*	X	X			
J. Talor	X	X	X						
E. Michaud	X	X	X*	X	X				
L. Murry	X	X	X*	X	X				
E. Myers	X	X	X*	X	X				
J. Connors	X	X*	X	X					
G. Westcott	X	X*	X	Resigned					
W. Mlejnek	X								
T. Gibbs				X					
B. Bush		X	X	X	X*	X	X		
D. Lloyd				X	X	X			
T. Engels					X	X	X		
W. Horton					X	X	X		
E. Holt							X	X	X
T. GIBBS							X	X	X
W. Schell							X	X	X

*Re-elected

BLUE WAX LAP FOR POLISHING SOFT STONES

Equipment needed to prepare and to charge the lap:

1. Single-edge razor blade
2. Lap scoring tool
3. A brush that is wire on one side and bristles on the other side (File-card brush)
4. Ronson lighter fluid
5. Ivory liquid soap
6. 8,000 diamond bort
7. 14,000 diamond bort
8. 50,000 diamond bort
9. 100,000 diamond bort
10. Laundry marking pen
11. Wax paper

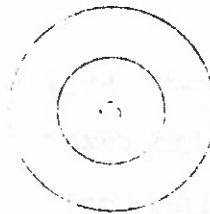
Important Notes:

1. Use soap only. Do not use detergents with wetting agents.
2. Use diamond bort. Do not use diamond compounds with extenders.

To Charge The Lap:

1. Place the lap on the faceting machine with a piece of wax paper between either the backing lap or the table and the wax lap. This will prevent scratching of the lap surface.
2. Turn the machine on low to medium speed. Take the razor blade and lightly draw it across the lap from the center to the edge several times. This operation will remove the concentric circles and other irregularities due to the manufacturing of the lap.
3. Take the brush and clean the scoring tool. Use the wire side of the brush first and then the bristle side.
4. Score the lap by moving the scoring tool from the center to the edge while the lap is turning on a low speed.
5. Again lightly use the razor blade to remove the excess wax loosened by the scoring tool.

6. With the laundry marking pen, divide the lap in half. Hold the pen midway on the lap while it is turning so as to make a circle on the lap.



7. The next step is to apply the diamond bort. Always place the finer bort on the inner portion of the lap and the coarser bort on the outside of the lap. Hence, as the lap turns, the finer bort will work towards the coarser bort and there will be no problem with the mixture of the bort.

Sprinkle the 14,000 bort on the inner portion of the lap. With your finger work the bort evenly over the inner area of the lap.

Make some type of reference mark near the spindle as a reminder of the diamond grit.

8. Place a drop or two of lighter fluid on your finger and apply to a small area with the diamond bort. Work a small area at a time. When the area becomes tacky, stop and continue in a like manner on the next small section. Continue in this manner until the whole area with 14,000 bort has been done.

CAUTION: If the diamond bort adheres to your finger, you have worked the area too long. A new application of bort must then be applied to the area and the process with the lighter fluid redone. Stop at the first sign of diamond bort on your finger.

9. Next apply the 8,000 bort to the outer portion of the lap and work it evenly over the surface. Leave a small space between the areas of the 14,000 and 8,000 bort.

Again make some type of reference mark as a reminder of the diamond grit.

Work the lighter fluid as before.

This side of the lap should then be fully charged.

10. Turn the lap over and place some wax paper between the table or backing lap and the polishing lap.
11. Turn the machine on low to medium speed and draw the razor blade lightly across the lap several times.
12. After again cleaning the scoring tool with the brush, score the lap by moving the scoring tool from the center to the edge of the lap while it is turning at a low speed.
13. Again go over the lap with the razor blade using a light pressure.

14. With the laundry marking pen, divide the lap in half. Refer to step #6.
15. Repeat the charging process but place 100,000 bort on the inner area of the lap. Then work the bort evenly on the surface and then apply the lighter fluid. See steps #7 and #8.

Again make a reference mark for the diamond grit.

16. Place the 50,000 bort on the outside area of the lap leaving a small area between the 100,000 bort and the 50,000 bort.

Work the bort around evenly and then apply the lighter fluid as in step #8.

Make another reference mark for the diamond grit.

17. Both sides of the lap are now ready for polishing a soft stone. The whole preparation of the lap will have to be repeated from time to time depending upon usage.

Storage Of The Lap:

1. Cover each side of the lap with new wax paper each time it is used. This helps to prevent contamination.
2. Store in a zip-lock, plastic bag.
3. The lap should be stored flat at a temperature below 90 degrees F.

Polishing:

1. Place a generous amount of Ivory liquid soap in the water tank and mix well with the water.

It is important to have the lap well covered with the soap and water mixture at all times. Make sure the entire lap is covered with the mixture. Always maintain a steady flow of the mixture to the lap.
2. Adjust the machine so facet to be polished is flat on the lap. Otherwise the lap will develop grooves.
3. Start polishing in the area of the coarsest bort (8,000) and work progressively through the various grits of bort. The final polish is done on the 100,000 diamond bort.
4. Start polishing each bort area with a firm pressure. Then use a light pressure before proceeding to the next grit.
5. After polishing through the various diamond grits, turn the machine off. Then without the lap turning, stoke the stone on the lap until the minute scratches are gone. This step is especially important for amber.
6. CAUTION: Always use a fresh, clean piece of wax paper when you turn the lap over.

Use a washer between lap and locking nut so nut will not turn on the wax.

This lap was purchased from:

Clifford L. Jackson
P. O. Box 696
Burley, Idaho 83318

Home Telephone: 208 - 678-9216
Business Telephone: 208 - 678-3940

Mr. Jackson developed this lap and demonstrated how to charge this wax lap at the Faceters Fair in Great Falls, Montana in October, 1984.

These notes were written by:

Norma B. Painter
P. O. Box Q
Scottsdale, Arizona 85252



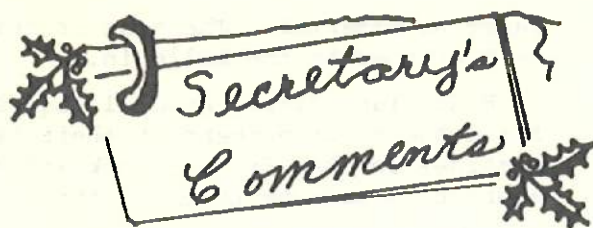
The MWF Directory will be available after February 15, 1985. Each society will receive one free copy. Should anyone want to purchase one, you may do so for only \$2.00. Orders should be sent to;

Mrs. Nanette Aiken
219 Park Drive
Glenwood, Illinois
60425



PRINCIPLE OF DESIGN INERTIA

Any change looks terrible at first.
(Do you have your new design cut finished?)



Secretary's Comments

The Board meeting of the Midwest Faceters Guild was called to order at 9:35 AM on Saturday, October 27, 1984 in the Mt. Clemens Recreation Center, Mt. Clemens, Michigan. Those present were President Horton, Bernard Bush, Elery Holt, Dorothy Loyd, Dave Miller, Ed Myers and guests, Frances Bush and Kathleen Myers. Six Board Members were present, thus a quorum was met. Ted Engle, Vice-President was absent.

The minutes were corrected to include Joan Connor on the nominating committee and that four judges have accepted, but more will be invited to judge. Dorothy Loyd made a motion, "To accept the minutes as corrected." Dave Miller seconded the motion and it carried.

Treasurer Elery Holt reported a balance of \$6,432.02. Expenses were \$2,345.32, Receipts were \$8,803.47, leaving a new balance of \$6,458.15, with \$1,458.15 in the checking account and \$5,000 money market certificate. Ed Myers made a motion, "To accept the Treasurer's report as read." Dorothy Loyd seconded the motion and it carried.

President Horton will write to the magazines for the Show dates and to change the Show Chairman to Harold Rice, instead of Helen Murray.

A letter of acceptance will be mailed to Jim Russell for conducting a seminar and maintaining a booth at the 1986 American and Midwest Federations Show and Convention at South Bend; to Sioux Falls, South Dakota in 1985 and the American Federation on June 20 thru 23 in Charleston, West Virginia to Chair the faceters meeting for all faceters and to maintain a booth. The President of the Eastern Federation will be contacted to let them know our intentions. This will involve a two-hour program for one day only and the other days will be for general faceters meetings.

The new raffle tickets will be printed for the 1985 Show and a picture will be included, showing the aquamarine cut by Ralph Whitney and the blue Topaz heart cut by Dave Miller, to be used for sales promotions. Dave will get together with Ralph to get the pictures taken. It was decided that twenty tickets should be mailed to each member to sell.

The Secretary will write a thank you note to Jim Fowler for wirewrapping the blue topaz heart in gold wire.

Membership Secretary, Art Kalinsky sent his letter of resignation and sent all the records and material back to the Guild with Bill Schell.

Nine Dealers and one Demo-Dealer are under contract thus far. Bill Gardner will help with getting dealers. Four refusals out of twenty-two letters sent out. The refusals were due to conflict of schedules or ill health. President Horton will call Dawson.

The company making our badges has quit, Discussion was held in changing the number of colors to cut expenses. Ed Myers made a motion, "To keep the badges as is, so they will all be uniform." Dave Miller seconded the motion and it carried. Kathleen Myers will order the badges as usual.

Bernard Bush made a motion, "To accept Kathleen's suggestion for using Gold, Silver and Bronze Medals for the next four years, along with the ribbons for First, Second and Third Places." Dorothy Loyd seconded the motion and it carried.

Gold, Silver and Bronze Medals, with the Guild Logo on the front and engraved on the back with the class and year. Engraving of the name will be extra. They will be awarded for First, Second and Third Place in conjunction with the ribbons. The cost is \$9.90 when ordering one hundred of each class at a time.

The mailing permit will be transferred to the Bushes name and remain in Toledo if it is not necessary to re-do the application.

A tentative date in January will be selected for the next meeting to be held in Toledo. (Now scheduled for the 26th of January at The Kent Branch of the Toledo Public Library). The March meeting will be in Flint; April meeting on the 23rd or 30th as the Guild

(next page please)

BOARD MEETING (cont'd)

will go to Cincinnati on the 13th; August is open and October 26th will be the annual meeting at Mt. Clemens, Michigan. Meeting dates will be set at the regular meeting.

John G. and Regina Fischer requested the Guild to demonstrate at the Cincinnati Show, April 13 and 14. Bernard Bush made a motion, "To attend the Cincinnati Show." The motion was seconded by Dorothy Loyd and carried. A discussion was held on who would attend the possible program.

The meeting adjourned at 10:56 A.M. through a motion made by Dave Miller and seconded by Dorothy Loyd.

After the election of members to the Board, the Board reconvened for the election of officers. Elected for 1985 were:

Bill Horton - President
Ted Engle - Vice-President
Bernard Bush - Secretary
Elery Holt - Treasurer

New Board Members:

Tom Gibbs
Elery Holt
William Schell

REGULAR MEETING of the Midwest Faceters was called to order by President, Bill Horton, at 12:34 P.M. on October 27, 1984. in Mt. Clemens Recreation Center, Mt. Clemens, Michigan.

The minutes were corrected to include Joan Connor and Bill Gardiner on the Nominating Committee. The minutes were accepted as corrected.

Treasurer, Elery Holt reported a balance of \$6,432.02. Receipts were \$8,803.47, expenses were \$2,345.32, leaving a new balance of \$6,458.15, with \$1,458.15 in the checking and \$5,000 in the money market certificate. Eugene Shinkevich made a motion, "To accept the Treasurer's report as read." The motion was seconded by Bill Bowers and carried.

Dorothy Loyd, Educational Chairwoman, stated Mr. Tom Smith would speak on diamond cutting and the difference of techniques used for cutting colored stones and the auction of Larry Murray's

faceting material. The next program will be announced in the bulletin.

Historian, Vivian Randall requested sized photos of members at their faceting machines for the History Book and suggested a group picture be taken at the Show.

Rules Chairwoman, Kathleen Myers stated that the specific size on the heart was not mentioned, but if the design is followed, 35% of the table will be correct. Standard size plastic box for mailing is any size suitable for mailing entries. Kathleen suggested members start getting their displays ready, to make the largest and best collection of displays yet. She explained the use of Gold, Silver and Bronze Medals and showed how nicely they can be displayed in the case.

Kathleen Myers made a motion, "We order a four year supply of medals to receive the best possible price." Tom Gibbs seconded the motion and it carried.

The President made a plea for the desperately needed Editor and thanked all those that have been helping to get the bulletin together since Helen's demise. Those helping Mr. Horton are Shirley Horton, Jane and Elery Holt, Kathleen and Ed Myers, Harold Rice, Dorothy Loyd, Frances and Bernie Bush, Charles Horn, All Cunningham, Shaun Strzelecki and Karyal Schaub.

Harold Rice is Show Chairman and has collected all of Helen Murrays material. Ten Dealers have been signed, nine retail and one demonstrating. If you know of any good faceting dealers please let Harold, Bill Gardiner or Kathleen Myers know so they can contact them to attend our Show. Glenn and Martha Vargas will have a program on both days; Bill Boyajian, head of the new G.I.A. Project on Saturday; Dave Miller; Kent Cales on cutting and flo finish. The programs are filled. When scheduling your work time, please arrange it so you can attend any of these great programs that may be of interest to you.

Special Displays will be amethyst from the Cleveland Museum, Gus Luchini's Fabulous display of faceted stones. Please tell your local Club of the super programs and the great Show plans.

Art Kalinsky, Membership Secretary, resigned. President Horton asked for a volunteer. Bill Gardiner is the new Member (next page please)

REGULAR MEETING (cont'd)

Secretary.

President Horton reviewed the year, reporting meetings were scheduled in London, Ontario; Taylor, Michigan; Chicago at Lizzadro's Museum; Toledo, Ohio and Mt. Clemens, Michigan to make it possible for members of different areas to attend. The Guild held demonstrations and seminars at Cincinnati and Cleveland, Ohio; Chicagoland, Illinois; Milwaukee, Wisconsin; Detroit, Flint and Howell, Michigan and Tampa, Florida. Our goal being to educate the public in the "Art of Faceting". Contributions were made to the preliminary approach to a judges manual and to the AFMS Rules Book. Our own rules were revised and seven new classes were added, including one for photography. At our next Show we will have twenty-five classes for competition. The Guild was devastated by the loss of Helen Murray and George Westcott, two very active and contributing members. President Horton summed up the year as a super one and thanked everyone in the Midwest Faceters Guild with a "one thousand Atta-Boys to all the Members." Bill stated "Helen Murray contributed too much to even describe it all."

Please write articles for the bulletin. When well written and informative it encourages others to offer their tips and experiences to aid other members.

The Murray Award, in honor of Helen and Larry Murray, presented to the person contributing the most to the Guild, is a traveling award to be returned at each annual meeting and a small plaque for the recipient to keep. The first and very proud recipient is Harold "Arizona" Rice. Mr. Rice was instrumental in organizing

the Guild, was a Charter President and stayed on the Board of Directors as President for six years, was instrumental in writing the Constitution, demonstrates faceting at many shows, representing the Guild in an out-going friendly manner, works on the Bulletin, teaches faceting, serving his eighth year on the Board of Directors, is 1985 Show Chairman, calls Square dances, and has been working over two years to organize F.I.G. (Faceters International Guild).

The Constitution will be revised and amended to meet today's needs.

The next meeting will be in Toledo, Ohio, January 26th. The March meeting in Flint; June 15th in Shelby, Michigan; August in Dearborn and October 26th the annual meeting in Mt. Clemens, Michigan.

Nominees for the Board of Directors were selected by the nominating committee, Ed Myers, Joan Connor and Bill Gardiner as follows: William Bowles, Elery Holt, Joe Manina, Stanley Marks and William Schell. Tom Gibbs was nominated from the floor. Those elected were Elery Holt, Tom Gibbs and Bill Schell. Out-going Board of Directors, Larry Murray, Ernest Michaud and Ed Myers were extended gratitude by President Horton.

A fascinating program was presented by Mr. Tom Smith, diamond cutter. The differences of cutting diamonds and cutting colored gemstones were explained.

An auction of Larry Murray's faceting material was held, followed by the Raffle. Winners of the Raffle were B. T. Marsh, John Bodek, Albin Nowicki, Arline Olson, E. Schell, Bill Morgan, Kim Kennedy, Sally Springstead, B. Smieckowski, Noreen Miles, Bob Springstead and Robert Cuson.

Respectfully submitted,

Bernard Bush, Secretary.



RAFFLE

A BIG THANK YOU AND ROUND OF APPLAUSE TO LARRY MURRAY, CHARLES GORDON WILTSE, PETER RIVA, BILL SCHELL, JIM FOWLER, BILL HORTON and HELEN MURRAY for donating the prizes for the Annual Raffle held October 27th at Mt. Clemens, Michigan. And to ART KALINSKI, BILL SCHELL, LEONARD DEMORSKY, BERNARD BUSH AND FRANCES BUSH for donating the salesman's prizes.

The lucky winners were:

B. T. Marsh of Dayton, Ohio won the First Prize, the aquamarine necklace set in 14K gold, faceted and donated by Larry Murray and the salesman's prize of a Falcon Lap, manufactured and donated by Art Kalinski.

John Bodek of Flint Michigan won the Second Prize of the Rhodanite garnet earrings set in Sterling silver and faceted by Charles Gordon Wiltse and the salesman's prize a Transfer Block made and donated by Bill Schell.

Albin Nowicki of Toledo, Ohio won Third Prize of a ruby corundum faceted and set in silver and donated by Peter Riva and the salesman's prize of a silverring cast and donated by Leonard Demorsky.

Arlene Olson of Hasslet, Michigan won Fourth Prize, White Topaz earrings faceted and donated by Bill Schell and salesman's prize for Fourth Prize was won by Royal Olson, a Bolo Tie made of Flint and donated by Bernard Bush.

E. Schell of Roseville, Michigan won Fifth Prize, the wirewrapped topaz made and donated by Jim Fowler and salesman's prize for Fifth Prize was won by Bill Schell, an Opal necklace cabbed and donated by Frances Bush.

Bill Morgan of Toledo, Ohio won the Blue topaz necklace set in 14K Gold and donated by Bill Horton.

Kim Kennedy, Sally Springstead, B. Smiechowski, Noreen Miles, Bob Springstead and Robert Cuson were winners of the \$5.00 Red Lobster Certificates donated by Helen Murry's brother, Herbert Jenne of Florida.

The income from the raffle was \$1193. Postage for mailing receipts and prizes was \$29.77, printing of letter that went out with tickets was \$13.78, leaving a net profit of \$1149.45. Tickets were printed with the compliments of Helen and Larry Murray.

Congratulations to the members that donated prizes and purchased tickets. You can be, OH SO Proud as this extra income will enable us to have very prominent speakers at our Show

Bernie & Fran Bush, Raffle Chairmen for 1984.

1985 DUES ARE PAYABLE NOW.

FORGET the gossip you have heard,
The nagging unkind word.
FORGET your problems and their causes,
FOLKS SHORTCOMINGS and their flaws,
FORGET the weather, if it's bad,
The rainy Holiday you've had.
FORGET even to sing the blues,
But DON'T FORGET TO PAY YOUR DUES.
NO DUES..... NO MIDWEST FACETER

From many bulletins, via the MINERALOG, Oct. 1984

MAKE CHECK PAYABLE TO: MIDWEST FACETERS GUILD

MAIL TO:

William Gardiner
4518 Sandstone Drive
Williamston, Michigan 48895.

MIDWEST FACETERS GUILD

EDUCATIONAL MEETING JANUARY 26, 1985

KENT LIBRARY: Central at Collingwood Ave.

TOLEDO, OHIO

AGENDA

- 10:00 - 10:30 A.M. Facility Opens & General Set-up
- 10:30 - 11:30 A.M. Board Meeting & "MORNING PROBLEM WORKSHOP"
- 11:30 - 1:00 P.M. Lunch Break & Fellowship
- 1:00 - GENERAL BUSINESS MEETING
- 2:00 - SPECIAL PROGRAM / SPECIAL GUEST SPEAKER*

PETER BANCROFT

CALIFORNIA LECTURER

&

AUTHOR of a NEW GREAT BOOK

"GEM & CRYSTAL TREASURES"

Also we will have the 2nd half of Larry Murray's Rough on Auction...
and... "SWAP TIME"...SO bring your EXCESS & SEE what you can buy... or
trade for!!!

DO COME for a great day of good companionship and sharing. Bring a
guest or share the ride with fellow members...REACH OUT & "CALL"
SOMEONE! WE GUARANTEE YOU A GREAT DAY

*CONFIRMATION PENDING

