

THE MIDWEST FACETER



Volume 13 Special Seminar Issue

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

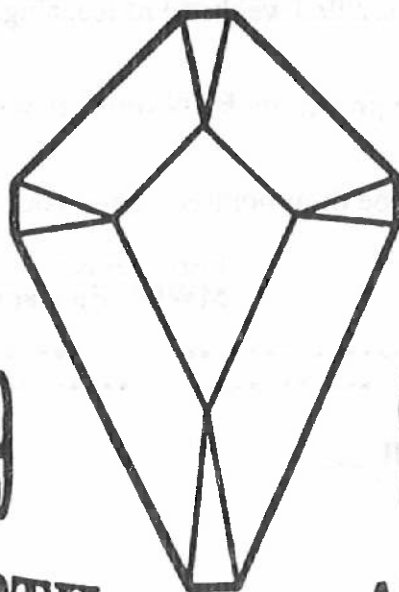
THE MIDWEST FACETER
11630 S. Gera Road
Birch Run, MI 48415

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FACETING
FACTS ♦ FRIENDS ♦ FUN



19 93
FOURTH ANNUAL
SEMINAR
MIDWEST FACETERS GUILD

HARTLAND, MICHIGAN
AUGUST 6, 7, & 8, 1993

FACETING * FRIENDS * FACTS * SEMINAR 1993

The **MIDWEST FACETERS GUILD** proudly presents our fourth annual weekend seminar devoted to

FACETING ** FRIENDS ** FACTS ** FUN.

MWFG is proud to present some of the finest instructors ever gathered to share their years of cutting and teaching experience.

Join fellow cutters for a fun fact filled weekend of learning. Meet old friends and make new ones !

If you do not facet and wish to join in the FUN you may wish to sign up for our Bead Stringing class.

Registration is limited -- don't be disappointed. Send your registration ASAP.

Bernie Bush
MWFG Education Chairman

From the President's Quill.....

Tom Gibbs

Faceting Friends,

Plans for the fourth annual weekend seminar given by the **MIDWEST FACETERS GUILD'S "Weekend Faceting Seminar"** are almost complete. The seminar will be both informative and fun for all. We have some of our very best instructors, a good facility and a great lesson format all lined up. The Seminar has classes for all levels of faceting. This year we are including class sessions for the spouse who does not facet. (See the information packet for details.) I urge each of you to attend.

The **Midwest Faceters Guild** is dedicated to educate and promote the art of faceting. Our seminar is planned to help us reach that goal. Come and join the learning and fun. It will be a great weekend for **FACETING, FRIENDS, FACTS** and **FUN !!!!**

I encourage you to register as soon as possible so the seminar committee can finalize plans and details for each level of instruction.

the Prez

FACETING * FRIENDS * FACTS * FUN * SEMINAR 1993

SCHEDULE OF EVENTS

FRIDAY 5:30 - 7:00 P.M. **REGISTRATION** Building 21
WELCOME RECEPTION & MACHINE SETUP

7:00 - 8:30 P.M. KEYNOTE SPEAKER
Gym Elementary Building

CUTTING SOFT GEMSTONES

ARTHUR GRANT

SATURDAY 8:00 A.M. **MORNING COFFEE & ROLLS**
8:30 A.M. **CLASSES BEGAN**

12:30 P.M. BREAK FOR LUNCH (On your own)
5:30 P.M. CLASSES END FOR TODAY

5:31 P.M. SOCIAL HOUR (Punch Bowl/Coffee)

6:30 P.M. DINNER (OPTIONAL)
Gym Elementary Building

8:00 P.M. EVENING SESSION
Bill Horton
Faceting Friends Facts & FUN!

8:30 P.M. SPECIAL DRAWING

<u>SUNDAY</u>	8:00 A.M.	MORNING COFFEE & ROLLS
	8:15 A.M.	CLASS PICTURES
	8:30 A.M.	CLASSES CONTINUE

12:00 NOON **BREAK FOR LUNCH (On your own)**

3:30 P.M.	CLASSES END
3:33 P.M.	FAREWELL GATHERING

GOOD-BYE TO FACETING FRIENDS FACTS FUN SEMINAR 1993
HAVE A SAFE TRIP HOME AND CUT LOTS OF FINE GEMSTONES !!!!!

MIDWEST FACETERS GUILD

FACETING FRIENDS FACTS FUN SEMINAR 1993

CLASS DESCRIPTIONS

FACETING ONE:

Faceting ONE will be for the new cutter. This session will cut a very simple gemstone. Students will learn the basic steps necessary to cut and polish a simple brilliant gemstone. This session will have machines available to use on a first come, first serve basis, or students may bring their own machine and laps. This class will be limited to ten students.

FACETING TWO:

Faceting TWO will be for the Novice cutter. This session will be cutting "Round Type" of gemstones. Students will learn the basic steps necessary to cut and polish a standard brilliant. This session will have a few machines available to use on a first come, first served basis, or students are urged to bring their own machines and laps.

Please bring 1-3 pieces of rough (natural and or man-made) gem material, dopped and ready to begin cutting. If possible, preform these pieces into rounds, with the pavilion preformed at 45 degrees.

FACETING THREE:

Faceting THREE will be for the Intermediate cutter. This session will cut a "Fancy Type" (oval or marquise) gemstone using the CAM (Centerpoint Angle Method) style of cutting a fancy without the use of the offset head. Bring your own machine and laps.

Each student should have 1-3 pieces of rough (natural and/or man-made) gemstone material dopped and ready to begin cutting. This rough should be of a size large enough to cut an 8mm X 10mm, 10mm X 12mm, or similar metered size gemstone. Do not preform this rough.

FACETING FOUR:

Faceting FOUR will be for the Intermediate - Advanced cutter. This session will be "OPEN FACETING". Students should bring their choice of gemstones and diagrams to cut. Instructors will be available to help you work through any difficulties. Bring your machine, laps, gemstones and diagrams and share the fun and fellowship of friends cutting and learning together.

FACETING FIVE:

Faceting FIVE will be for the Intermediate- Advanced cutter. This session will teach you to design and draw original gemstones using the GEMCAD computer program. This will be a "hands on" computer session. Some basic computer skills helpful but not required for this session. Students may bring 1-3 pieces of rough gem material and a measuring device that will measure in millimeters.

FACETING SIX:

Faceting SIX will be for Intermediate - Advanced cutter. This session will be on judging cut gemstones. Students will learn the procedures for handling gemstones, selecting stones for judging, scoring rules and methods for judges. This will be a hands on session with students practice judging cut gemstones. Students should bring a hand held 10X corrected loupe, lamp with 100 watt clear bulb, a large bath towel, kleenex, a small bottle of methanol alcohol.

FACETING SEVEN:

Faceting SEVEN will be for the Intermediate - Advanced cutter. This session will be cutting Calcite and Fluorite. Students need to bring 2 - 4 pieces of either calcite or fluorite dopped up, a machine, a 600 grit lap and all necessary tools, drain bucket, etc. Art will bring wax and silicon carbide laps. These may be purchased for approximately \$ 10.00 each for 8 inch or \$ 6.50 for 6 inch. Art will furnish all the necessary polishing compounds. This class will be limited to ten students.

NOTE:

Each session is "hands on" and ALL FACETERS should bring what ever cutting and polishing media that you normally use. Also, don't forget your water tank, splash pan, transfer block, light, etc.

MOTEL INFORMATION

Best Western of Hartland (U.S. 23 & M 59 Exit)
Hartland, MI (313) 632-7177

Best Western of Howell (U.S. 23 & Owen Road Exit)
Linden, MI (313) 548-2900

Lexington Motel (1040 Old U.S. 23)
Hartland, MI (313) 227-1272

CAMPING INFORMATION

Self-contained camping in the lower parking lot of the Community Education Center enter will be permitted.

FACETING FRIENDS FACTS FUN SEMINAR 1993

SEMINAR STAFF

DON DUNN

Dayton, Ohio

Don has been faceting 23 years and currently teaches faceting at the Riverbend Art Center in Dayton. Don has won numerous faceting awards including the Midwest Federation Trophy and Masters' First Place in the Northern California Faceters Show in both 1991 & 1992. Don also won the honor of being a Team Member for the USA - Australian Cup Challenge in 1990 and repeated that honor for the 1992 Team.

Don has been serving on the committee that was formed to combine the Australian and American Federation Rules ideas to form International Rules that both countries can use for competition.

DICK FAIRLESS

East Tawas, Michigan

Dick has been faceting since 1976 "as time permits" between family, full time public school teaching and other hobby interests. Dick won the Midwest Federation Individual Faceting Trophy in 1985 qualifying him to compete at the American Federation level in 1986. He won the AFMS National Championship held in South Bend, Indiana in 1986. Always looking for a new challenge Dick received the rating of Supreme Master in Faceting from the Society of American Gemcutters. He has the unique distinction of being the only recipient of the famous "Tater Stone Award" which is presented for outstanding polishing technique.

BILL GARDINER

Williamston, Michigan

For Bill faceting is just one of the many aspects of lapidary that he teaches. Bill is the owner of **A & B Tools and Jewels**, a speciality shop that caters to every aspect of the lapidary hobby. He is a winner of the single stone division at the Midwest Faceters Fair. Bill also teaches general lapidary, casting, jewelry construction, gem setting and repair. As a result of his travels Bill brings to the seminar knowledge and information that he has learned from talking with faceters from all over the world.

ELSPETH GIBBS

Wyandotte, Michigan

Happy began stringing beads during the Flower Child Era, collects thumbnail minerals and has dabbled in other areas of our hobby. She has taken several local bead classes as well as Pearl and Bead Stringing from the GIA. She is always seeking more information about beads through reading and other means.

Happy is very active in the Midwest Mineralogical & Lapidary Society. She is a Past President and currently leads their Bead Study Group. She is always more than willing to demonstrate bead stringing at different club shows in this area. Her greatest pleasure comes when someone who has said "I can't do that!", says "I did it!!!"

TOM GIBBS

Wyandotte, Michigan

Tom began faceting like so many others, after exploring many other aspects of the lapidary hobby. He has been very active in the Midwest Mineralogical & Lapidary Society of Dearborn and the Mount Clemens Gem & Lapidary Society. He is currently serving as President of the Midwest Faceters Guild. He demonstrates faceting at the local shows every chance he gets. Tom teaches faceting through the Mt. Clemens Recreation Center Adult Enrichment programs.

Tom loves to work with beginning cutters, opening a whole new world of beauty, fun, and relaxation for them. He receives a great deal of pleasure from the looks on a student's face when they see the finished gem that comes off their dop.

ARTHUR GRANT

Martville, New York

Art started faceting in 1970 and was quick to realize the relaxing benefits of this unique challenge. He created new designs for the SAPPHIRE bulletin and was featured in July of 1972, June 1973 and August 1973 issues. Art retired from teaching Physical Education in 1980 and in 1987 he was awarded the highest possible education award the New York State Service Award, for his development of the Elementary Physical Education Curriculum for the state of New York.

Art has cut several gemstones for the Smithsonian Museum and has just returned from South Africa where he was touring by invitation to teach his process of cutting soft stones. We feel honored and indeed very fortunate to feature Art as an instructor and Keynote Speaker at this Seminar.

BILL HORTON

Howell, Michigan

Bill is an expert not only in faceting but in all phases of the lapidary hobby. A retired engineer from the GM proving grounds Bill is very busy enjoying, learning and sharing all of his hobby interests. Bill has shared his exhibits and expertise all over the USA and has numerous awards to his credit including both the Midwest Federation and the American Federation Championships. He has won awards from the Australian Faceters Guild, the California Faceters Fair, and the Society of American Gemcutters. He was recognized by the Midwest Federation and the American Federation for the "Education Thru Sharing Award" in 1990 and 1991. Bill is Past President of the Midwest Faceters Guild and an expert enthusiastic teacher. Bill was honored this year by being selected to the Lapidary Hall of Fame. Sharing time with him is an experience you will never forget.

BILL MCVETY

Flint, Michigan

Bill is one of those "silent types" who has for years quietly gone out of his way to seek out every faceter he can find to listen to and learn from. As a result of his good listening he has become an expert cutter of fine gemstones. Bill had to have his arm twisted hard to enter any competitions and was genuinely surprised to find himself in winner's row. Bill is very willing to share with others the things that he has learned. Bill has won trophies from the Flint Rock & Gem club shows, the Midwest Federation, and the Midwest Faceters Guild. He is currently eligible to compete at the National level for the American Federation Individual Faceting Championship.

ED MYERS

Birch Run, Michigan

Ed began faceting by taking a class from the Community Education program in the early 1970s and began sharing his knowledge with others by teaching in that same program several years ago. Ed has served as a judge at numerous local, Federation and National gem shows throughout the United States. He served as the Chief Judge for the Australian-USA Challenge Cup Competition in 1988. He is a member of the Midwest Federation and American Federation National Championship winning team, the Flint Faceters and has won an individual Gold Medal in Australian Faceters Guild Competition. Ed is a founding member of the Midwest Faceters Guild and currently serves on their Board of Directors as Special Competition Chairman. Learning to see through Ed's eyes will put you on the leading cutting edge every time you sit down to facet.

DON SAHR

Mt. Clemens, Michigan

Don is currently the Vice President of the Midwest Faceters Guild and the 1993 Show Chairman. Don has been faceting for over ten years. He retired from Ford Motor Company on an early special after working 36 years in body design. Don is now "Relaxing" with a new business, The Jewelry Shoppe, working several gem shows a year, demonstrating the art of constructing wax models for jewelry casting and teaching steam casting. He particularly likes to design and cast one of a kind jewelry items with specialty cut stones. Don is a welcome addition to the Seminar staff and joins us bringing his unique perspective of finely cut gemstones.

BILL SCHELL

Roseville, Michigan

Bill is an excellent tool, die, machine and mold maker and he has been faceting gemstones for many years. Bill has designed and build several faceting machines including the worlds smallest and most portable machine. There is nothing Bill loves more than a trick to share or a problem to solve. Bill will be on staff to give any assistance necessary to perfectly align your faceting machine for its optimum accuracy. Bill continues to do an excellent job taking charge of the morning sharing sessions at the Midwest Faceters Guild regular meetings, has demonstrated faceting and served as judge at numerous gem shows and willingly shares his skills and knowledge with anyone interested.

ROBERT STRICKLAND

Austin, Texas

Robert is the originator of the computer program GEMCAD. This program teaches you how to design gemcuts using your home computer. Robert is a member of the Texas Faceters Guild and was recently featured at the Northwest Faceters Conference as a program presenter. This software program has been hailed as one of the newest innovations in the field of faceting. Almost every issue of faceting newsletters this past year has featured gemstones designed using the GEMCAD program. Robert brings the latest in technology to seminar participants with his willingness to share his new program. Robert is returning to the Seminar this year with the latest update to the GEMCAD program and more ideas to help you design great gemstones.

BOB SPRINGER

Gladwin, Michigan

Bob is a Master Faceter who has been cutting gemstones since the late 1960s. Bob has taught faceting several years in the Mott Community College Adult Education Program. He is a mechanical genius, an excellent woodworker and is very well known for his unique display cases that exhibit his fine gemstones. Bob has been awarded the "Most Popular Display" at the Flint Rock & Gem Club shows several times.

After a long process of research Bob is building his own machine to cut and polish natural diamond material. Because Bob is such an excellent craftsman in several fields he finds himself having to squeeze in faceting "whenever" but cutting a fine gemstone is one of his real loves.

Bob is an excellent teacher who loves to share puzzling secrets with his students.

BOB WERNER

Toledo, Ohio

Bob is a continuing success story ! He signed on at the 1st MWFG Seminar three years ago, arrived with a brand new Facetron and enough enthusiasm to learn faceting that he inspired all of those around. He has spent the last three years "cutting every spare minute" and his enthusiasm has increased ! He adds to our Seminar staff the perspective of a fast advancing beginner and is eager to share the tips and tricks that he has learned in his first years of cutting.

SEMINAR NOTES

The Hartland Community Center is housed in the old 1921 school building located on the Main Street of Hartland. Hartland is a lovely little town that boasts of its Music Hall, Museum, Library and 21 Building. There is a beautiful shaded parking lot just below the school that we can use for those of you self-contained.

The dress for the weekend is cool, casual and comfortable.

We will be having a catered dinner on site for Saturday night for all those interested - guests very welcome !

Bring along your spouse to join the fun and learn Bead Stringing in our special jewelry class for non faceters.

If you play a musical instrument bring it along for an evening sing a long or come prepared with a skit, song, funny story or whatever to add to the evening entertainment.

We really look forward to having you with us for

FACETING ** FRIENDS ** FUN ** SEMINAR 1993

For further information call: Kathleen Myers (517) 624-9178 or Bill Horton (517) 546-2159

FACETING * FRIENDS * FACTS * FUN * SEMINAR 1993

REGISTRATION FORM

NAME _____ PHONE (____) _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SELECT ONE (1) OF THE FOLLOWING SESSIONS:

____ FACETING ONE ____ Have Machine ____ Need Machine

____ FACETING TWO ____ Have Machine ____ Need Machine

____ FACETING THREE

____ FACETING FOUR

____ FACETING FIVE

____ FACETING SIX

____ FACETING SEVEN

REGISTRATION FEE

\$ 45.00 PER PERSON

OPTIONAL DINNER

\$ 10.00 PER PERSON

TOTAL \$ _____

PLEASE REGISTER AS SOON AS POSSIBLE

REGISTRATION IS LIMITED

DEADLINE AUGUST 1

Return Registration form and Fees ASAP to:

**Kathleen Myers
MWFG Seminar Coordinator
11630 S. Gera Road
Birch Run, MI 48415**

Phone (517) 624-9178

FACETING FRIENDS FACTS FUN SEMINAR 1993
BEAD STRINGING

CLASS DESCRIPTION

Learn to make the following items in one weekend:

3 Bracelets
3 Necklaces
2 Pair of Earrings

YOU CAN join in the FUN !

You will learn these techniques; using tigertail with crimps, stringing using bead tips, knotting and using bullion, stringing multiple strands, weaving using beads, and making several styles of earrings including cluster earrings.

All materials will be included in the class fee. Excellent fresh water pearls will be used. Your finished jewelry would be worth more than \$ 150.00.

Students will need to bring:

A small towel to work on
Chain nose pliers
Cutters
Round nose pliers (if you have them)
Small, sharp, embroidery type scissors
A container for you tools and supplies

REGISTRATION FORM

NAME _____ PHONE (____) _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

<u>REGISTRATION FEE</u>	\$ 50.00	PER PERSON
<u>OPTIONAL DINNER</u>	\$ 10.00	PER PERSON

TOTAL \$ _____

PLEASE REGISTER AS SOON AS POSSIBLE
REGISTRATION IS LIMITED

DEADLINE AUGUST 1

Return Registration Form and Fees ASAP to:

Kathleen Myers
11630 S. Gera Road
Birch Run, MI 48415

Phone (517) 624-9178

THE MIDWEST FACETER



RULES & REGULATIONS FOR 1993 MIDWEST FACETERS FAIR

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

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DUES PD 1993 yes



The Midwest Faceters Guild will hold its tenth FACETERS FAIR at the Dearborn Civic Center, Dearborn, Michigan on October 29, 30, & 31, 1993.

At that time the Guild will provide extended opportunities for competitive exhibiting to those persons interested specifically in faceted gemstones, jewelry designed with faceted gemstones, educational exhibits related to faceted gemstones, and the photographing of gemstones.

Any person is welcome to enter this exhibiting who is a member of the Midwest Faceters Guild, members of any other world wide faceting guild, club, group or society, or members of any club affiliated with the American Federation of Mineralogical Societies or any of the Regional Federations.

The Midwest Faceters Guild believes that exhibiting competitively provides educational opportunities for self improvement for each exhibitor.

In the interest of more equitable competition, exhibitors are divided into exhibitor groups.

MAIL-IN ENTRIES:

Mail-in entries will be permitted in any class where showmanship is not judged. Mail-in entries MUST be in the hands of the exhibit chairperson by the last mail September 15, 1993. Gems should be sent with fees for the return of the entry.

Arrangements can be made to pick up entries Sunday, October 31, 1993, at the Fair.

ALL ENTRIES in CLASSES 1,2,3,4,5,6,8,9,13,14,15, and 16 MUST be in the hands of the exhibit chairperson by September 15, 1993.

Each individual gemstone for these classes must be presented, UNMOUNTED, in a clear plastic container with a lid and the exhibitors name clearly printed on the bottom. Entries are to be picked up after the awards ceremony Sunday, October 31, 1993, unless other arrangements are made with the exhibit chairperson.

An individual gemstone may be entered in ONE CLASS ONLY.

EXHIBITOR GROUPS

A. Junior Exhibitor Group: This group may be entered by persons who are between six and eighteen years of age.

B. Novice Exhibitor Group: This group may be entered by persons who are beginning faceters or by persons who have never entered in Midwest Faceters Guild competition. A person who has received a first place trophy as a novice exhibitor MUST compete in a higher group.

C. Advanced Exhibitor Group: This group is for somewhat experienced faceters and/or exhibitors. A person who has won First place in the advanced group MUST compete in a higher group if they wish to enter the same class again.

D. Master Exhibitor Group: This group is for experienced faceters. A person who wins First place as a Master may not enter the same class again until the 2nd MWFG competition thereafter.

E. Open Division: Any person regardless of age or experience may enter any class in the Open Division.

F. Society Exhibitor Group: A society must be a group of at least five members. All materials and/or workmanship shall be of that society and not more than 20% of the material/workmanship shall be that of any one member.

Society groups may enter only the classes provided for society entries: scores achieved by societies are considered only with scores of other exhibiting societies, and are NOT competing with individual exhibitors.

AWARDS

In each class:

- A. First Place - "Gold" Medal
- B. Second Place - "Silver" Medal
- C. Third Place - "Bronze" Medal
- D. All Entries - Commemorative Ribbon with Exhibitor group and score level designated.

In addition:

The winner of Class 15 will receive the "DAVID B. MILLER AWARD".

CLASSES OF COMPETITION

JUNIOR EXHIBITOR GROUP:

Class 1

Two Gemstones: any material, any type cut, minimum of 6mm in one dimension.

Judging Points: W - 100.

NOVICE EXHIBITOR GROUP

Class 2

Single gemstone: any material, "round" type cut, minimum of 6mm diameter.

Judging Points: W - 100.

Class 3

Three gemstones: any material, one(1) "round" type cut, one(1) "fancy" type cut and one(1) cut of the exhibitor's choice.

Judging points: W - 100.

Class 4

Six gemstones: any material, displayed in a case. Two(2) "round" type cut, two(2) "fancy" type cut and two(2) cuts of the exhibitor's choice.

Judging points: L - 5
W - 65
S - 10

D/VW- 20

ADVANCED EXHIBITOR GROUP

Class 5

Single gemstone: any material, "fancy" type cut, minimum 6mm in one dimension.

Judging points: W - 100

Class 6

Four gemstones: any material, one(1) "round" type cut, two(2) "fancy" type cut and one(1) cut of the exhibitor's choice.

Judging points: W - 100

Class 7

Ten to twenty gemstones:, any material, any type cuts, displayed in a case. No more than two (2) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
W - 65
D/VW- 20

MASTER EXHIBITOR GROUP

Class 8

Single gemstone: any material, any type cut, minimum 6mm in one dimension.

Judging points: W - 100

Class 9

Five gemstones:, any material, one (1) standard round brilliant cut, one (1) emerald cut, one (1) oval cut, one (1) marquis cut, and one (1) cut of the exhibitor's choice.

Judging points: W -

100

Class 10

Twenty to forty gemstones: natural material, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
Q - 10
VM - 10
W - 50
D/VW-15

Class 11

Twenty to forty gemstones: synthetic or other man-made materials, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L -5
S10
W65

D/VW15

5

VM

Class 12

Thirty to forty gemstones: natural and synthetic or other man-made materials, in approximately equal proportion, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L -

5

S -

10

VM -

10

W -

55

D/VW-

20

OPEN DIVISION

Class 13

One gemstone: prescribed cut and material. To be cut to the exact size and facet arrangement shown on the diagram furnished. Natural gemstone material.

Judging points: W

100

Class 14

One gemstone: prescribed cut and material. To be cut to the exact size and facet arrangement shown on the diagram furnished. Synthetic or other man-made material.

Judging points: W -

100

Class 15

One gemstone: Original Design, any material. Design MUST have been worked out by exhibitor. If published, it must have been in the exhibitor's name. A diagram of the design would be helpful but is not required with each entry.

Judging points: D -

30

O/A -

30

W -

40

Class 16

Challenge Cut: a single gemstone cut to the specific directions given on the diagram furnished.

Judging points: W - 100

Class 17

Twelve gemstones: natural material, specified types of cut with no two stones of identical cut. All gemstones to be

judged. No gemstones may be mounted in jewelry. Exactly twelve (12)

gemstones, displayed in a case as follows:

At least four (4) "round" type cut,

At least four (4) "fancy" type cut,

Plus four (4) cuts of the exhibitor's choice, which may include "freeform" type cuts.

Judging points: L - 5

S -

10

Q -

10

VM -

10

W -

50

D/VW-

15

Class 18

Twelve gemstones: synthetic or other man-made materials, specified types of cut with no two gemstones of identical cut.

All gemstones to be judged. No gemstones may be mounted in jewelry.

Exactly twelve gemstones, displayed in a case as follows:

At least four (4) "round" type cut,

At least four (4) "fancy" type cut,

Plus four (4) cuts of the exhibitor's choice, which may include "freeform" type cuts.

Judging points: L - 5

S - 10

VM - 5

W - 60

D/VW -20

Class 19

Faceted Novelties/Specialties: any material including glass.

Minimum six (6) pieces. This may include eggs, spheres, goblets, unusually large gemstones or other items where faceting is a major part of the work.

Judging shall be accomplished without removal of items from the case.

Judging points: L - 5
S - 20
D - 20
W - 25
D/VW - 25

Class 20

Jewelry: single item, using one or more faceted gemstones. Gemstones need not have been faceted by the exhibitor.

A set of jewelry (i.e. necklace and earrings) shall be considered a single item.

Judging points : L - 5
D - 45
W/Metal-

50

Class 21

Jewelry: six or more items, using one or more faceted gemstones in each piece, displayed in a case. Gemstones need not be faceted by the exhibitor.

Judging points: L - 5
S - 10
D - 30
W/Metal - 35
D/VW -

20

Class 22

Educational exhibit: dealing with faceting.

Judging points: L - 15

S - 25
EV -

50

O/A -

10

Class 23

Photography: six color photographs of unmounted faceted gemstones, including at least two close-up pictures. Photographs to be displayed in frames.

Judging Points: S -

10

Q - 40
O/A - 20
D -

30

Class 24

Photography: six color photographs of jewelry containing one of more faceted gemstones, including at least two close-up pictures. Photographs to be displayed in frames.

Judging Points: S -

10

Q -

40

O/A -

20

D -

30

SOCIETY EXHIBITOR GROUP

Class 25

Faceting Society: twenty to forty gemstones, natural material, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
 S - 10
 Q - 10
 VM - 10
 W - 50
 D/VW -

15

Class 26

Faceting Society: twenty to forty gemstones, synthetic or other man-made materials, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
 S -
 W -
 D/VW-

10

65

20

WORKMANSHIP POINTS

The workmanship points on each gemstone will be scored using the 100 point system as shown on the accompanying sheet.

Each gemstone will be scored separately by at least two judges and their scores will be averaged for a final score.

Judging to be conducted using 10X hand held magnification and a single incandescent light.

All gemstones must be handled with protected gem holders.

Each exhibitor will receive the completed and signed score sheets with comments and suggestions for improvement of faceting skills for their entries.

Faceted Gemstones

Faceted gemstones are stones cut to a selected geometric pattern by the placement of flat surfaces called facets. (Facets need not cover the entire stone, i.e. partially faceted domes, etc.)

(a) Faceted gemstones may be of any size and may be cut by any technique chosen by the cutter.

(b) Faceted gemstones are of three types as follows:

(1) "Round" type are stones cut with a regular facet arrangement about the center of the stone and with three or more planes of symmetry. Examples: round brilliants, equilateral triangles, pentagons, hexagons, etc.

(2) "Fancy" type are stones which have either one or two planes of symmetry. Examples are ovals, marquise, pears, hearts, kites, rectangles, etc.

(3) "Freeform" type are stones that do not have a regular facet arrangement about the center of the stone nor any plane of symmetry.

* The planes of symmetry referred to above do not include the plane of the girdle.

Optical Aids

Optical aids used in evaluating gemstones will be hand held corrected 10X magnification. Microscopes will not be permitted except in establishing identification of a material or for judging the quality of material.

References

The current AFMS "Approved Reference List of Lapidary Material Names" is the authority for gemstone names. Newly discovered materials not found in the AFMS gemlist are permitted if they are identified by their published name.

Girdles

Girdles on gemstones may be faceted or smooth but MUST be polished (optional for diamonds).

Gemstone Protection

All gemstones will be handled with protected gem holders.

Lighting

Judging will be conducted using a single incandescent light.

Display Cases

Display cases for Classes 1,2,4,5,8,9,10,13,14,15,16,&20 will be provided by the Midwest Faceters Guild.

In all other classes the exhibitor must furnish their own case and MUST leave the display case keys with the Judging Chairman prior to the time of judging or make arrangements to open the case whenever necessary.

Selection of Gemstones

In each multiple gemstone class, an equal number of gemstones from each entry will be selected by the judging team to be removed from each case for judging the workmanship and quality of material points. (Depending on the amount of entries in case displays of ten or more stones, a minimum of three (3) stones will be judged from each display.)

Judging Point Definitions

L - Labeling

W - Workmanship

S - Showmanship
work

D/VW - Difficulty/variety of

Q - Quality

EV - Educational Value

D - Design
Approach

O/A - Originality of

VM - Variety of Material

Labels

Labels MUST state the name of the material.

Groupings of the same material need only one label.

Any additional information desired may be placed on the label and will be judged for accuracy.

In jewelry classes, one or more jewelry technique must be identified on the label.

Deductions for labeling errors shall be one (1) point for each error and shall not exceed the total points allowed for labeling in that class.

CONSISTENT ERRORS (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized one (1) point for each instance of each consistent error up to a limit of 1/2 of the points allowed for labeling.

Showmanship

Showmanship shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting arrangement and labeling features, such as size and neatness, to create a display which will be educational and will hold them interest of the viewer.

Quality

Quality refers to color and to relative freedom from flaws and inclusions. Cost and rarity shall not be a factor in evaluating quality of material.

Design

Items should show originality as to the use of old ideas or styles as well as new ideas to create a unique design that is pleasing in composition.

Variety

Variety refers to the use of diverse kinds of materials, colors, and/or differing ranges of hardness.

Workmanship

Workmanship is a measure of the perfection of the meets between facets, the correctness of angles, the flatness of facets and the sharpness of facet edges to achieve maximum brilliance and color, the perfection of polish, the proportion and alignment of facets, the uniformity of similar facets and the ability to minimize the undesirable effects of inclusions and/or flaws.

Difficulty/Variety of Work

Difficulty/Variety of Work refers to the diversity and difficulty in type of cut and design of gemstones and to the

skill that is required to accomplish a near perfect cut of the design and material in question.

Educational Value

Educational value is defined as the clarity, effectiveness and excellence of the exhibit in carrying out its purpose. Aspects to be considered under Educational value are: a clear statement of theme, concise definitions of terms, and accuracy of an organized presentation within the allowable space. Exhibits should teach or inform the observer about one or more aspect of the faceting hobby.

Originality of Approach

Originality of approach is the uniqueness and freshness of the educational view presented by the exhibitor, and the use of original rather than directly copied materials.

Questions, Concerns or Suggestions

Questions, concerns or suggestions for implementation or improvement of these rules are welcomed by the Midwest Faceters Guild Rules Committee.

Current Midwest Faceters Guild Rules Chairman is:

WILLIAM J. HORTON
2589 N. HUGHES RD.
HOWELL, MICHIGAN
48843-9749
(517) 546-2159

JUDGING DEFINITIONS

TABLE SYMMETRY The ability to match the symmetry from side to side, top, or bottom in the planed view of the table facet.

TABLE PARALLEL TO THE GIRDLE This will be judged by eye.

OUTLINE OF GIRDLE The accuracy that has been achieved in cutting the required outline shape.

MEETS POINTING UP A MEET fails to point up when one or more of the facets terminates in a line instead of a point. The total number of meets will be divided into the possible points for values awarded. A meet is totally in or out. They either meet accurately or they do not.

FACETS UNIFORM This feature refers to the consistency in shape and size of facets in the same series.

FACET EDGES SHARP The mitred line developed between facets should be straight and sharp.

FACET SURFACES TRUE This refers to the complete flatness of the facet. "Ghost" facets or incomplete facet planes will cause penalties.

SCRATCHES Any scoring of polished surfaces.

POLISH The degree and evenness of luster over the entire surface being judged. Pitted surfaces from incomplete prepolish will be judged in the polish section.

CHIPS Chips are the areas where pieces of material have chipped off either from working or mishandling .

GIRDLE UNIFORM A continuous Girdle should be equally dimensioned at its widest and narrowest points. Facets in the same series around a faceted Girdle should be the same shape and dimensions.

GIRDLE WIDTH A girdle, at it's narrowest point, shall not exceed five (5) percent of the width of the gemstone, in it's smallest diameter. If it exceeds this measurement, all points will be forfeited. Any Girdle that is so narrow to be judged will also lose all points allowed for this feature

SPECIFIED SIZE Stones that fail to meet the specified size shall receive a deduction of (1) one point for each MM or portion of a MM under or over the specified size.

FLAWS Flaws are fractures, cleavages, or partings. A Flaw may be external where it reaches the surface of the stone, or internal where it is wholly within the stone.

JUDGING SHEET FOR FACETED STONES

DATE _____

CUT _____

MATERIAL _____

JUDGE _____



COMMENTS

TABLE SYMMETRY	3	_____	_____
TABLE PARALLEL TO GIRDLE PLANE	3	_____	_____
OUTLINE OF GIRDLE	6	_____	_____
MEETS POINTING UP	15	_____	_____
FACETS UNIFORM	10	_____	_____
FACET EDGES SHARP	7	_____	_____
FACET SURFACES TRUE	7	_____	_____
SCRATCHES	10	_____	_____
POLISH	15	_____	_____
CHIPS	7	_____	_____
GIRDLE UNIFORM	5	_____	_____
GIRDLE WIDTH	3	_____	_____
SPECIFIED SIZE	5	_____	_____
FLAWS	4	_____	_____
TOTALS	100	_____	_____

GENERAL COMMENTS _____

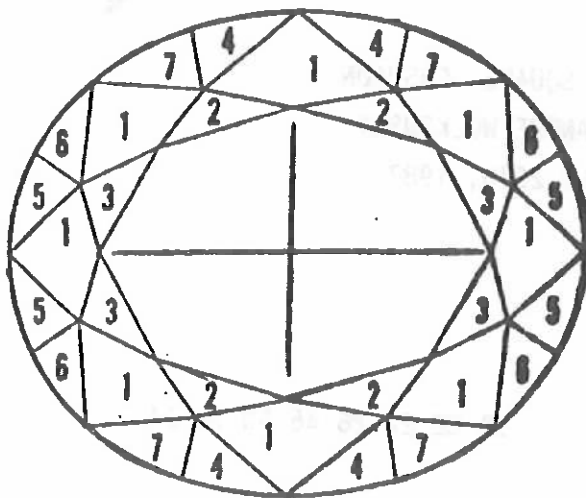
JUDGES SIGNATURE _____

CLASS 13

PRESCRIBER CUT : NATURAL MATERIAL

MATERIAL : TOPAZ SIZE : 8 X 10 MM.

96 INDEX ANGLES ARE FOR TOPAZ

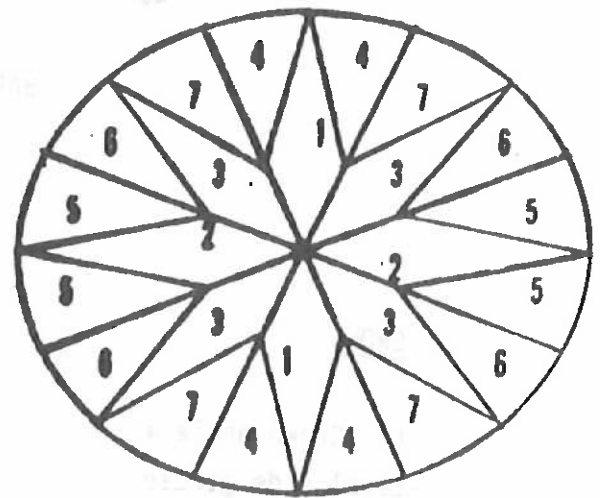


CROWN

MAINS	1	96 10 24 38	36°
		48 58 72 86	

STARS	2	4 44 52 92	21°
	3	16 32 64 80	19°

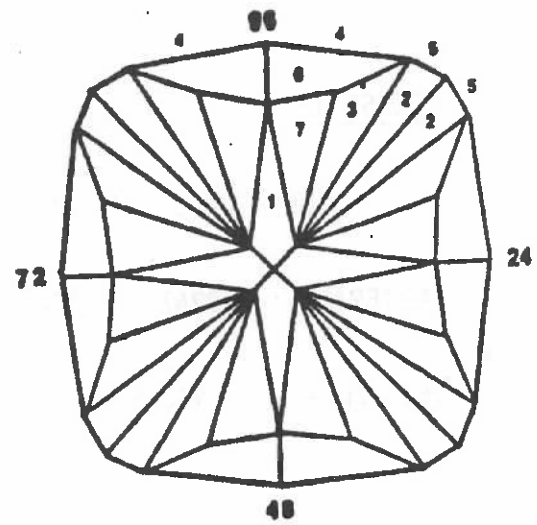
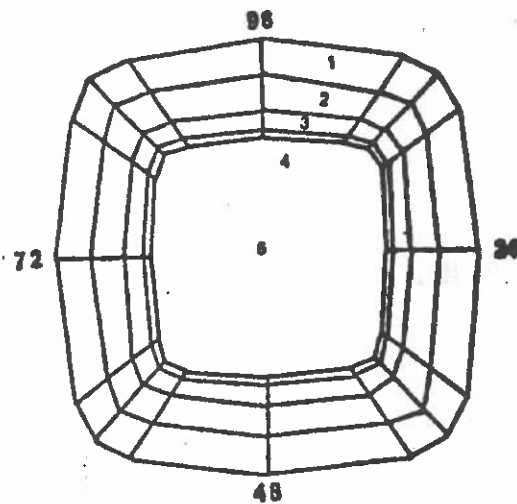
BREAKS	4	2 46 50 94	43°
	5	20 28 68 76	48° 30'
	6	13 35 61 83	45°
	7	7 41 55 89	45° 30'



PAVILLION

MAINS	1	96 48	42°
	2	24 72	35° 45'
	3	10 38 58 86	39° 30'

BREAKS	4	2 46 50 94	43° 30'
	5	20 28 68 76	38°
	6	13 35 61 83	39° 45'
	7	7 41 55 89	42°



BARION SQUARE CUSHION
ALEXANDRE WOLKONSKY
JULY 25TH, 1987

CROWN

C1 Crown angle $+15^{\circ}$
Level side girdle
meets in line with girdle corners

94 02 22 26 46 50 70 74

C2 Crown angle $+5^{\circ}$
Level C1
meet at corners

94 02 22 26 46 50 70 74

C3 Crown angle -5°
Level C2
meet at corners

94 02 22 26 46 50 70 74

C4 Crown angle -15°
Level C3
meet at corners

94 02 22 26 46 50 70 74

C5 Table at 55-60%

C6 Crown angle $+15^{\circ}$

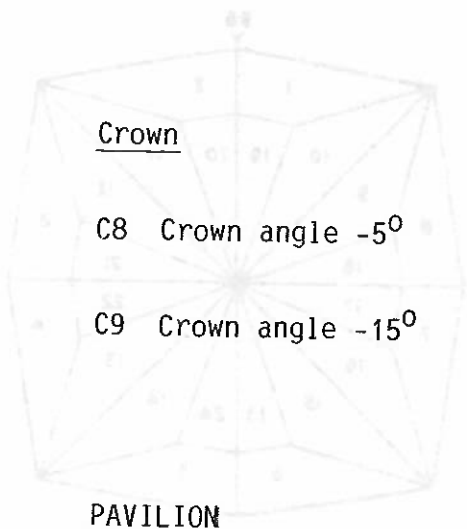
07 17 31 41 55 65 79 89

C7 Crown angle $+5^{\circ}$

07 17 31 41 55 65 79 89

BARION SQUARE CUSHION

(Continued)

CrownC8 Crown angle -5° C9 Crown angle -15° PAVILIONP1 Culet angle
meet at culet

96 24 48 72

P2 Culet angle $+ 1.50^{\circ}$
Four pairs of facets to meet at
four points to determine the width
of the cross. With very slim cross,
P7 will be more difficult to cut.

07 17 31 41 55 65 79 89

P3 Culet angle $+ 1.85^{\circ}$
meets P2

05 91 19 29 43 53 67 77

P4 90° side girdles
Cut until sufficient crown height
left on rough where P4 meets P2-P3

94 02 22 26 46 50 70 74

P5 90° corner girdles
meet P4 at bottom of P2-P3

07 17 31 41 55 65 79 89

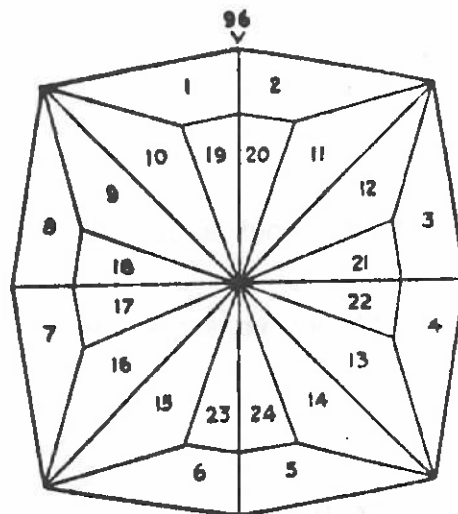
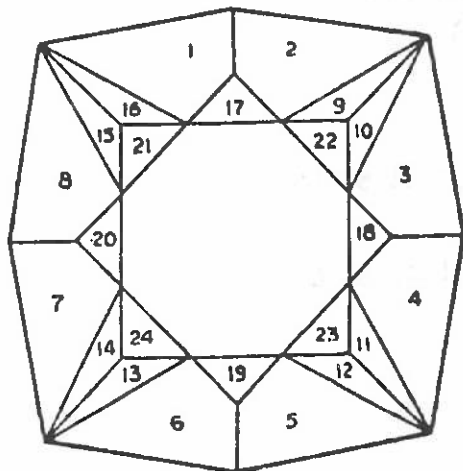
P6 Culet angle $+ 13.50^{\circ}$
meet P2-P3 at girdle

94 02 22 26 46 50 70 74

P7 Culet angle $+ 1.40^{\circ}$ (± 1)
elevation angle depending on how
high P2 was cut.

93 03 21 27 45 51 69 75

CLASS 16



A BRILLIANT SQUARE CUT
ELMER W. FERRIS
ANGLES FOR QUARTZ

<u>INDEX</u>	<u>ANGLE</u>	<u>COMMENTS</u>
3 93 21 27 45 51 69 75	90°	Form the periphery of the stone
<u>PAVILION</u>		
3 93 21 27 45 51 69 75	58°	
7 17 31 41 55 65 79 89	42°	
93 3 21 27 45 51 69 75	42°	
<u>CROWN</u>		
93 3 21 27 45 51 69 75	38°	
9 15 33 39 57 63 81 87	30°	
96 24 48 72	32°	
12 36 60 84	25°	



MIDWEST FACETERS FAIR
DEARBORN CIVIC CENTER DEARBORN, MICHIGAN
APPLICATION FOR SPACE DISPLAY

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

ALL COMPETITION EXHIBITS: FILL OUT THE FOLLOWING INFORMATION
Please use a separate form for each exhibit.

CLASS NUMBER _____

EXHIBITOR GROUP _____

(Junior, Novice, Advanced, Master, Open, Society)

CASE SIZE: Width _____ Height _____ Depth _____

MAIL IN Exhibits fill in this additional information:

Telephone Number _____

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, Special, etc.)

CASE SIZE: Width _____ Height _____ Depth _____

Exhibitors Signature _____

ENTRIES MUST BE RETURNED BY OCTOBER 15, 1993 TO:

WILLIAM J. HORTON 2589 N. HUGHES RD. HOWELL, MICHIGAN 48843

PHONE (517) 546-2159

_____ Please return my entries by mail

_____ I will collect my entries at the Fair on Sunday

