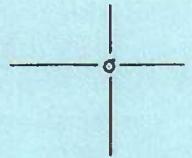
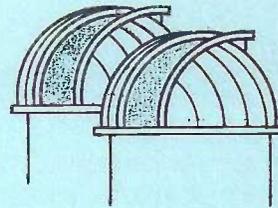
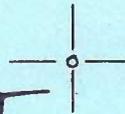


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

OCTOBER - 1972

OCTOBER GENERAL MEETING

Detailed study of the many planetary nebulae that dot the far distant sky is most fascinating. Though visually imposing, these blurry objects - the Ring Nebula (M57) is a typical example - become remarkable when observed optically or photographically.

Dr. Thomas Bohuski of the UW-Madison will tell MAS members and guests in attendance about these interstellar objects in his talk "The Nature of Planetary Nebulae". His vast knowledge of the subject, enhanced by personal use of the 36" Pine Bluff Reflector, will provide an enjoyable evening.

When? Friday, 20 Oct. 1972, 8 p.m.

Where? Room 137 of the UW-Milwaukee Physics &
Engrg. Bldg.
Corner of E. Kenwood & Cramer

PHOTO EXHIBITION

Heres something different!

Owing to the interest aroused by Mr. Harvey Lindemann's September General Meeting talk, and inasmuch as many MAS members are interested in photography, the Board of Directors has decided to hold a photograph exhibition.

The rules are simple:-

- 1) It is open to all except
 - 1) Keyholders
 - 2) Past and present Board Members
 - 3) The Judging Committee
- 2) Any general astronomical picture may be entered including meteor trails, rainbows, parahelia (sun dogs), etc.
- 3) Pictures can be taken with any type of camera or telescope - camera
- 4) A maximum of 10 photos may be submitted for judging.
- 5) They must be original and have been taken between 15 Sep. 72 and 15 Aug. 73.

Awards will be made for the best photos as judged by a special committee. A showing of the top photos is planned for the September 73 general meeting.

So, shutter bugs, let's get busy!

"NORTHERN LIGHTS" NEWSLETTER SUBSCRIPTIONS

Subscriptions to the four-page NCRAL quarterly NORTHERN LIGHTS should be made now since 25 November is the deadline for the Dec. issue. The price is \$1 for the four issues. Remit to Mr. J. H. Fox, 8301 Isle Av. S. Cottage Grove, Minn. 55016. A sample copy will be shown at the Oct. General Meeting.

NEW MEMBERS

The open house program played no small part in increasing our membership! Meet

Mr. Daniel Ackerman, 1819 N. Cambridge, 53202, 224-9686. Galactic & stellar construction, flying, scuba diving.

Mr. Jeff Ehlinger, 12924 W. Hampton Av., Butler, 53007 781-4675. Planets, photography, electronics.

Mr. Steve Fay, 11203 W. Mallory, Hales Corners, 53130 425-3824. General astronomy, photography, space exploration, gymnastics, clarinet.

Mr. Fritchof Fosdal, 1140 Motor Av. Waukesha, 53186 542-1011. Photography.

Mr. Lee Keith, 1122 W. Madison St., Milwaukee, 53204 645-4039. Sun, moon, planets, double-star photography, mathematics.

Mr. Steven Klinger, W166 N8551 Theodore Av. Menomonee Falls, 53051 251-7547. Astrophotography, general astronomy, trumpet.

Mr. Scott Lanza, 1533 W. Holmes Av. Milwaukee, 53221 281-7875. Photography, stars, planets, moon, film processing.

Mr. James McMillan, 3161 S. Howell Av. Milwaukee, 53207 483-6131. Cosmology, photography, pistol competition.

Dr. & Mrs. Harry Patin, Greg. & Vince, 4745 Stratford Dr., Greendale, 53129 421-4895. Interested in general astronomy. Dr. Patin's interests include history, music, & jogging. Two boys interests include riflery, archery, model making, judo, & tumbling.

Mr. Duane Ruokonen, 7204 W. Chapman Pl. Milwaukee, 53216 462-0322. Photography, general astronomy, model rockets.

Mr. Charles Utzinger, 2006 E. Lafayette, Pl. Milwaukee, 53202, 272-4192. Moon, planets, photography.

DON'T FORGET! DUES ARE DUE!

A few days ago Treas. Al Brouillette handed your D. D. Editor a big stack of membership cards for mailing. He seemed elated since they represent paid-up members!

Here is all it costs to enjoy the many benefits of being an MAS member -

General Membership - \$15

Juniors (under 16) - \$7.50

Family Plan - \$15 & \$1 per extra member

Non-Residents - \$10

Send your remittance to Mr. Al Brouillette, P. O. Box 6001, Milwaukee, Wis. 53209 (332-6623).

CANADIAN HANDBOOKS

If you'd like to reserve a 1973 Canadian Handbook please notify Treas. Al Brouillette either at the Oct. meeting or at the address given in the "Dues" note. No extra copies will be available this year.

POSTER SALE

Mr. Jeff Rogers of the UW-Milwaukee Manfred Olson Planetarium will repeat his offering of six different beautiful Astro-Posters.

The 23"x29" color posters will be available at a booth just outside the meeting hall door for \$2.50 each.

MESSIER CLUB

The Messier Club, supervised by Treas. Al Brouillette, will resume after Nov. 27. The exact date will be given in a future Double Dome.

OBSERVATORY KEYS

Special security keys to open our Observatory buildings can be obtained for a \$5.00 deposit. But holding a key is a privilege, not a right. The reasons are obvious. The valuable Society buildings contain valuable equipment which must be put to good and proper use. Also, keyholders have certain obligations and responsibilities.

Any responsible MAS member paying full dues and having a definite, good reason to have a key should apply to Treas. Al Brouillette (332-6623) for an application. The Board of Directors will then review the application and notify the applicant upon acceptance or give the reason(s) for its rejection.

OBSERVATORY NOTES

- 1) The floor of the lecture hall has been painted.
- 2) When locking the gate chains, please do not use the lock as a link. Pull the chain taut, slip the end link tongue-like through another link in the taut chain, and then hook and lock the padlock through the end link. This method puts the strain on the chain rather than the lock.
- 3) Please do not squash bugs on the newly painted walls! It takes but a minute to undo a lot of work.

BOARD MEETING

The Board will meet at the home of Paul Murn, 10949 W. Stark St., Fri., Oct. 27 at 7:30 p.m. Wives are welcome.

JUNIOR NIGHT

Keyholders in charge

7 Oct. - T. Ross	541-0307	4 Nov. - J. Toeller	352-7144
14 Oct. - L. Schaeffer	786-8220	11 Nov. - Dr. G. Wagner	261-6443
21 Oct. - L. Simandl	933-3052	18 Nov. - R. Zit	242-0906
28 Oct. - V. Tangney	281-6533		

All Juniors (members under 16) are welcome to use the Observatory facilities for any worthwhile program or project on the above Saturday nights. The facilities are restricted to the young members and their parents-no non-member outsiders, please! Call the keyholder the Friday before the observing night-cancel Saturday if necessary.

LeRoy R. Simandl
Double Dome Editor
4201 W. Highland Blvd. 933-3052
Milwaukee, Wis. 53208