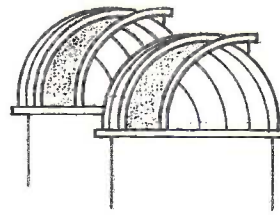


# the DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

NOVEMBER - 1971

## NOVEMBER GENERAL MEETING

Time based on the rotation of the earth, denoted Universal Time (UT), also GMT, is required for celestial navigation, geodetic surveying, and satellite tracking. Rotational time, however, has variations with respect to atomic time, upon which the unit of time, the second, is based.

Dr. Wm. Markowitz, who has a Ph. D in Astronomy from the Univ. of Chicago and is now Wehr Distinguished Prof. of Physics at Marquette University, will deliver a talk entitled INTRODUCTION OF LEAP SECONDS IN 1972, which will expand on the introductory paragraph. Hear this interesting speaker at your Nov. General Meeting.

When: Friday, 19 Nov. 1971, 8 p.m.

Where: Physics & Eng. Bldg. Room 137  
Corner of E. Kenwood & N. Cramer

## JANUARY DINNER-MEETING

Yesterday was Labor Day, the day before was July 4th, and now its time to plan for the January Dinner-Meeting. Set Friday, Jan. 21, aside for a pleasant, relaxing, evening at the Central YMCA. News of the program will be in the December Double Dome. Earlybirds may fill in and mail the coupon at the end of this newsletter. There is no charge for those attending only the meeting.

## DUES INCREASE PROPOSED (HAVE YOU PAID YOURS?)

The following notice is similar to one published in the October Double Dome.

After a long discussion and with heavy heart, the Board of Directors decided a dues increase is necessary. Despite liberal quantities of do-it-yourself, increasing operating expenses such as mailing, Sky & Telescope subscriptions, speaker stipends, future plans, etc., have resulted in a larger budget and a dwindling Treasury.

Since a Constitutional change is required, the proposal must be presented to the general membership in writing at least twice before a vote can be taken at a General Meeting.

The Board proposes dues be increased to

\$15 for General Membership

\$7.50 for Juniors

\$15 plus \$1 per extra member for family membership

\$10 for non-resident members.

### NEW NON-RESIDENT BOUNDARIES PROPOSED

An MAS By-Law, in part, defines a non-resident member as one who does not reside in Milwaukee or Waukesha Counties. In view of the improved highways and expressways criss-crossing and surrounding the Milwaukee Area, the Board of Directors has proposed to extend this boundary to the arc formed by a 30 mile radius from the MAS Observatory located at 18850 Observatory Road. This action will require a Constitutional change and needs a majority vote of all members present at any regular meeting.

### NCRAL NEWSLETTER MAKES DEBUT

Your Double Dome Editor has received a complimentary copy of "Northern Lights", a new, well-done quarterly North Central Region Astronomical League (NCRAL) newsletter. Edited and published by Mr. James Fox, the periodical describes not only what members of other North Central Region societies are doing, but also includes items of general interest like graze predictions, the "light blight" problem, and synopses of convention papers. Anyone may submit newsy astronomical articles. The deadline for the Dec. issue is Nov. 15.

MAS members may subscribe to the Quarterly (4 issues to be published in Sept., Jan., March & June) for \$1.00 per year. Make your remittance payable to the 3M Club Astronomical Society and send it along with material for publication to

Mr. James Fox  
8301 Isle Ave. South  
Cottage Grove, Mn. 55016

The complimentary copy will be available for inspection at the Nov. General Meeting.

### DUES REMINDER!

Treas. Al Brouillette notes that a procedure adopted by the Board in Dec. 1967 states that "Those whose dues are not paid before Jan. 1, (1972), will be dropped from the membership list." Please remit your dues to Mr. Al Brouillette, 3238 N. Shepard Av., Milw., 53211 (332-6623). Also, you're reminded that dues have not increased.

### FRIDAY OPEN HOUSE NOTE

Mr. Al Brouillette is conducting a member-only open house program the first two Fridays of each month. Call 332-6623 between 4-5:30 p.m. if interested.

### ANOTHER JOB WELL DONE!

Our society has received acknowledgment from the Smithsonian Astrophysical Observatory (SAO) for the efforts of several of its members with respect to their observation and reports of the Barium-ion Cloud experiment.