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THE ASTRONOMER Electronic Circular No 160 1988 May 24 18.56UT.

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Ed:Guy M Hurst, 16, Westminster Close, Kempshott Rise, Basingstoke,
Hants, RG22 4PP, England. Telephone:(0256)471074.Int:+44256471074

Telex:265871(MONREF G) Quote"72:MAG60138 ATT G.HURST" in FIRST line.

T LEONIS

The outburst details on E-159 have appeared on IAUC 4601 issued on 1988 May 23 incorporating a request for high-speed photometry to reveal possible superhumps.

Selected further estimates:

May 22.77UT, 9.8 (Isles); 22.89, 10.0 (S.Korth, Germany);

22.94, 10.0 (Schmeer); 23.78, 9.8 (Isles).

PAPADOPOULOS ATLAS

Peter Gill has a copy of the above atlas for sale which would suit an experienced serious observer. He asks £280 plus carriage and you can ring him on (0323) 646853 or e-mail the Editor if you are interested. It is a photovisual atlas showing stars to about mag 14 over the whole sky.

SUPERNOVAE

Two supernovae have recently been discovered during PSS II:

SN 1988N mag 18 in anon galaxy is located at:

RA 13h11m08.55s DEC +57°36'32.2" (1950).

It is 10" east and 6" south of the nucleus.

SN 1988O mag 15 in Zw 49-18 at:

RA 15h07.7m DEC +07°49' (1950)

It is 7" north and 2" east of the nucleus.

IAUC 4601

NOVA OPHIUCHI 1988

P.Schmeer, Germany, e-mails the following estimates:

May 7.038UT, 9.3; 12.205, 9.6; 13.063, 9.5; 22.005, 9.4;

23.005, 9.7.

E-INDEX

We welcome John Isles, Limassol, Cyprus to our group. He is Director of the BAAVSS and a frequent contributor as evidenced by his latest report on T Leo. His mailbox is MAG60293.

Guy M Hurst