COMMISSION 27 OF THE I. A. U.

INFORMATION BULLETIN ON VARIABLE STARS

NUMBER 13

Konkoly Observatory
Budapest
10 August 1962

V 536 CYGNI

8 minima observed on plates taken by the 200/300/300 mm Schmidt camera show that the period of V 536 Cyg given in GCVS (Moscow 1958) has to be halved. New elements have been derived from these 8 minima and Perova's 5 minima (Per. Zv. 7.258, 1950):

$$\text{Min.} = \text{J.D. } 2428759.411 + 6^{d}.01020 \cdot E$$

$A = 11^{m}.8 - 14^{m}.1$ pg, $D = 0^{d}.62$, $d = 0^{d}.06$. The value of d is uncertain.

P. AHNERT
Sonneberg Observatory

REQUEST FOR PHOTOELECTRIC OBSERVATIONS OF AC AND

This RR Lyrae-type variable shows considerable light-curve variations. In 1958, 1960 and especially in 1961 we have obtained a great number of photoelectric observations of the star at our 24 inch reflecting telescope. These observations cast doubts upon the reality of the two combining periods of $0^{d}.525$ and $0^{d}.711$ generally accepted up to now. The true fundamental period of the variable is probably longer than these ones. This is supported by the fact that according to Preston (ApJ 130, 507, 1959) the spectral characteristics of AC And are similar to those of KP Cyg with a period of $0^{d}.856$.

The problem of the star can be solved only by a wide-range cooperation. Those who are ready to participate in this programme are kindly requested to inform me about their willingness. I suggest as the limiting dates of the cooperative observations September 20 and October 8, 1962.

L. DETRE
Konkoly Observatory
Budapest