

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 6299

Konkoly Observatory
Budapest
9 October 2017

HU ISSN 0374 – 0676

OBSERVATIONS OF VARIABLES

Date: 18 April 2017

Reported by:
Gazeas, K. - Department of Astrophysics, Astronomy and Mechanics, National and Kapodistrian University of Athens, GR 15784, Zografos, Athens, Greece, kgaze@phys.uoa.gr

Name of the object:
USNO-A2.0 1200-15055584

Remarks:
Detected on 15 June 2015 in the FoV of V404 Cyg. The corresponding FoV was observed in a long (120 sec) and short (10 sec) cadence, therefore two light curves and data tables are provided.

RA(J2000)	Dec(J2000)	type	Mag.	Period (day)	Epoch
20 24 25.404	+33 57 11.83	EW	15.4(Rmag -USNO A2.0)	0.260914(7)	2457190.4942(6)

Cross-identification(s):
USNO-A2.0 1200-15055584 = GSC 2.3 N33E061689 = UCAC4 620-101941

Date: 4 October 2017
Reported by: Vasilii Moskvina - Crimean Astrophysical Observatory, mvv@craocrimea.ru
Name of the object: GSC 03553-00845
Remarks: Remarks: During the transit observation the exoplanets HAT-P-37b recorded a minimum of the W UMa-type binary system GSC 03553-00845. Then several more observations of this object were made. Observations were made in the filter <i>R</i> . Figure 1 shows these observations folded with the elements: $\text{Min I} = \text{HJD } 2457892.487112 + 0.43547E$ The standard deviation for the check star is 0.01 mag. Different symbols represent different days. Reduction of the CCD frames was made with Maxim DL software. <i>Acknowledgements:</i> This research made use of the Simbad data base, operated at CDS, Strasbourg, France.

References:

Guo, Di-Fu et al., 2014, *Publ. Astron. Soc. Japan*, **66**, 100 DOI