

Central Bureau for Astronomical Telegrams  
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CO, U.S.A.; A. Scholz and G. Hodosan, Observatory of the University of St.  
Andrews, U.K.; J. Pollock, Appalachian State University; R. Montaignut and A.  
Leroy, OPERA Observatory, France; and D. Reichart and J. Haislip, University  
of North Carolina, Chapel Hill, report that photometric observations obtained  
during Sept. 5-Oct. 13 reveal that minor planet (31450) is a binary system  
with an orbital period of 53.47 +/- 0.07 hr. The primary shows a period of  
3.4116 +/- 0.0003 hr, and has a lightcurve amplitude of 0.24 mag at solar  
phases 5-9 deg. Mutual secondary eclipse/occultation events that are 0.05  
magnitude deep indicate a lower limit on the secondary-to-primary  
mean-diameter ratio of 0.22.

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