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NONVARIABILITY OF 59 PSC

59 Psc (=HR 214) was reported to be a Delta Scuti variable by Gupta and Bhatnagar (IBVS 751,1972), who found a period of $2\frac{1}{2}$ hours and an amplitude of about 0.04 mag. This period seems to be in reasonable agreement with the expected period derived from the luminosity and color of the star. The two light curves published seem convincing to us. We have recently started a program at the University of Mexico to determine multiple periods for Delta Scuti stars with amplitudes larger than 0.01 mag. This star, therefore, seemed to be an excellent candidate.

59 Psc was observed photoelectrically in the visual region for two nights at the Observatorio de Astronomia Nacional in Baja California. No variability could be found and the star appeared to be constant to 0.002 mag on both occasions. Furthermore, the residuals were random and were similar to those for the comparison stars. Further observational details are given below. It should be interesting to determine the behavior of this star at a later date.

Observational Details

Date (U.T.)	Equipment	Comparison Stars	Constancy (mag)	Time Observed
73-09-27	32", RCA 1P21	HR 225 HR 254 HR 311	.002	4 ^h 46 ^m
73-09-30	60", RCA 7102	HR 217 HR 254	.002	3 ^h 22 ^m

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