Table 3. Color Measurements of Varuna

UT Date	Image	JD_c[a]	Phase[b]	R[c]	B-R	V-R	R-I
2001 Feb 18	3030	1958.5101	0.818	19.71	–	0.63	–
2001 Feb 18	3032	1958.5172	0.845	19.78	–	0.64	–
2001 Feb 18	3034	1958.5244	0.872	19.85	–	0.66	–
2001 Feb 18	3036	1958.5316	0.899	19.91	–	0.69	–
2001 Feb 18	3038	1958.5387	0.926	19.94	–	0.68	–
2001 Feb 18	3050	1958.5786	0.090	19.77	–	0.63	–
2001 Feb 18	3052	1958.5894	0.117	19.71	–	0.62	–
2001 Feb 18	3054	1958.5966	0.144	19.64	–	0.64	–
2001 Feb 18	3056	1958.6038	0.171	19.59	–	0.62	–
2001 Feb 18	3058	1958.6108	0.199	19.56	–	0.64	–
2001 Feb 19	4028	1959.5052	0.583	19.72	–	–	0.63
2001 Feb 19	4029	1959.5099	0.596	19.69	1.48	–	–
2001 Feb 19	4031	1959.5183	0.632	19.61	–	–	0.64
2001 Feb 19	4032	1959.5266	0.659	19.57	1.49	–	–
2001 Feb 19	4034	1959.5349	0.695	19.54	–	–	0.61
2001 Feb 19	4035	1959.5396	0.708	19.54	1.50	–	–
2001 Feb 19	4037	1959.5480	0.744	19.56	–	–	0.61
2001 Feb 19	4038	1959.5530	0.758	19.58	1.48	–	–
2001 Feb 19	4040	1959.5612	0.795	19.65	–	–	0.65
2001 Feb 19	4041	1959.5663	0.809	19.69	1.51	–	–
2001 Feb 19	4045	1959.5870	0.892	19.89	–	–	0.59
2001 Feb 19	4046	1959.5917	0.905	19.92	1.48	–	–
2001 Feb 19	4048	1959.6001	0.941	19.95	–	–	0.61
2001 Feb 19	4049	1959.6047	0.955	19.96	1.48	–	–
2001 Feb 19	4051	1959.6132	0.991	19.95	–	–	0.63
2001 Feb 19	4052	1959.6179	0.005	19.94	1.49	–	–
2001 Feb 19	4063	1959.6632	0.180	19.58	–	–	0.60
2001 Feb 19	4064	1959.6680	0.194	19.57	1.49	–	–
2001 Feb 19	4066	1959.6777	0.240	19.57	–	–	0.61
2001 Feb 19	4067	1959.6812	0.253	19.58	1.52	–	–
2001 Apr 22	3024	2021.5009	0.139	19.66	–	0.64	–
2001 Apr 22	3025	2021.5057	0.157	19.62	–	0.62	–
2001 Apr 22	3035	2021.5303	0.257	19.58	–	0.64	–
2001 Apr 22	3037	2021.5420	0.294	19.66	–	0.64	–
MEAN					1.49 ± 0.01	0.64 ± 0.01	0.62 ± 0.01

[a]Julian day at mid-exposure and corrected for light travel time, less 245,0000.

[b]Rotational phase of Varuna lightcurve with period 6.34 hours. The phase corresponds to Figure 4 where 0.45 and 0.95 are minimum light (~ 19.9) and 0.20 and 0.70 are maximum light (~ 19.5) of the double-peaked lightcurve.

[c]R magnitude interpolated to the time of the corresponding BVI data.