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ECLIPSE TIMINGS OF CATAclySMIC VARIABLES

The following heliocentric times of mid-eclipse of the cataclysmic variables Z Cha, U Gem, EX Hya, VZ Scl and RW Tri have been obtained over the past few years from observations made at the McDonald Observatory of the University of Texas and at the Sutherland site of the South African Astronomical Observatory.

I) <u>Z Cha</u>	O - C	<u>Z Cha</u>	O - C
JD hel		JD Hel	
2441000+		2441000+	
660.5002	-.0002	692.4605	-.0001
660.5747	-.0002	693.3542	-.0004
661.5435	.0001	695.4400	-.0005
691.4177	.0001	784.3182	.0001
691.4923	.0002	987.5521	.0001
691.5668	.0002	991.5747	-.0002
692.3858	-.0003		

O - C values are with respect to the revised elements:

$$\text{Hel. Minimum Light} = \text{JD } 2440264.6828 + 0^{\text{d}}.07449923\text{E}$$

where we have used Mumford's epoch (Astrophys.J. 165, 369, 1971) combined with our more recent observations. The minima during the period 691 - 695 were omitted from consideration when deriving the revised period as they occurred during an outburst of this dwarf nova.

II) <u>U Gem</u>	O - C	<u>U Gem</u>	O - C
JD hel		JD hel	
2440000+		2440000+	
679.6662	.0035	1356.6862	.0046
680.7279	.0037	1361.8161	.0042
976.8680	.0033	1365.7083	.0045
1281.8543	.0039	1368.7153	.0041
1296.8915	.0041	1676.5322	.0047
1297.7760	.0040		

O - C values are with respect to the elements given by Krzeminski (Astrophys.J. 142, 1051, 1965).

III) <u>EX Hya</u>	O - C
JD hel	
2441844.2601	
2441844.2601	-.0004

O - C value with respect to Mumford's elements (Astrophys.J. Suppl. Ser. 15, 1, 1967).

IV) VZ Scl Ton 120

JD hel	
2441000 +	O - C
209.8175	-
279.6700	.0000

These eclipse timings, together with the epoch given by Krzeminski (IBVS No.160), give revised elements:

$$\text{Hel. Minimum Light} = \text{JD } 2441209.8175 + 0^d14462220 \text{ E}$$

V) <u>RW Tri</u>		<u>RW Tri</u>	
JD hel	O - C	JD hel	O - C
2440000+		2440000+	
890.7570	-.0015	1515.8570	-.0020
891.9154	-.0025	1221.8855	-.0025
895.8580	-.0019		

O - C values are taken with respect to the elements given by Walker (Astrophys.J. 137, 485, 1963).

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