

MAIL EX TAHUR TAGRP SU E523

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TASV 0534+10 (=Q1990/92)

Mike Collins, Sandy, reports his discovery of a possible variable  
star at: RA 05h34.2m DEC +10 25' (1950). On photographs taken for  
the UK Nova/Supernova Patrol on 1990 Nov 28.1 the star was 8.0  
(Kodak 2415 film) whereas on 1989 Oct 8.1 it was recorded at 8.8.  
An e-mail chart follows:

\\\\\\\\ Q1990/92 0534+10 variable in Ori (Mike Collins)

S,120,20,S  
P,05h 34.2m +10 25' (1950)  
O,74,71,8.0,8.8  
R,8.2,5,60,A,R  
R,8.7,51,2,B,R  
R,9.0,74,103,C,R  
R,9.2,66,117,D,R  
M,9,20,82  
R,10.0,100,66,E  
R,10.5,89,92,F  
R,10.9,97,83,G  
M,10,58,30,55,54,54,33  
M,11,60,11,63,56,17,50,30,29,57,21,60,88,73,20  
M,11,5,118,18,61,60,92,35,89,69,67,38,45,16,28  
M,11,47,53,64,96,46,104,64,89,116,26,89,18,117,96  
M,11,98,105,98,101  
M,12,54,48,40,8,54,37,31,32,6,20,1,40,27,81  
M,12,66,108,18,112,9,58,49,20,35,27,53,117,27,86  
M,12,41,25,8,27,8,7,35,29,32,95,33,57,10,51  
M,12,49,102,10,34,116,92,118,79,79,29,81,75,108,79  
M,12,94,104,76,74,107,53,97,10,113,47,91,20,84,100  
M,12,77,76,119,55,97,97,96,91,86,99  
E,75

//////// Basic chart automatically generated by GSC2FIND ver 1.0

1991 JY

E. M. Shoemaker, C. S. Shoemaker, and C. M. Olmstead report their  
discovery of a fast-moving asteroid object on 1991 May 14 at mag  
13.5. Very preliminary orbital elements:

T = 1991 Jan. 30.926 ET	Peri. = 37.463	
e = 0.29609	Node = 57.896	1950.0
q = 0.66700 AU	Incl. = 48.972	
a = 0.94757 AU	n = 1.068533	P = 0.92 years
1991 ET	R.A. (1950) Decl.	Delta r V
May 24	14 12.38 -27 10.4	0.139 1.140 12.6
25	13 56.40 -29 37.0	
26	13 41.67 -31 40.4	0.156 1.146 13.1

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