2013 OCT. 18 M.P.C. 85019

The MINOR PLANET CIRCULARS/MINOR PLANETS AND COMETS are published, on behalf of Division F of the International Astronomical Union, usually in batches on or near the date of each full moon, by:

Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A. MPC@CFA.HARVARD.EDU (science) Phone 617-495-7273/7444/7244 (for emergency use only).

World-Wide Web address http://www.minorplanetcenter.net/iau/mpc.html ISSN 0736-6884 Timothy B. Spahr, Director Gareth V. Williams, Associate Director

Syuichi Nakano and Andreas Doppler, Associates

© Copyright 2013 Minor Planet Center Prepared using the Tamkin Foundation Computer Network

#### EDITORIAL NOTICE

We have determined that the time correction applied to the Pan-STARRS astrometry obtained between 2012 July 1 and November 9, inclusive, as reported to us by the Pan-STARRS team and confirmed with them before application, was applied in the wrong direction. The correction should have been -1 second. Once again, we are simply applying this correction to the (original) archived observations and flagging the observations as corrected, rather than republishing them as corrected observations. The total number of published observations corrected is 753583. The correction has also been applied to the unidentified one-night stands.

The Minor Planet Center, in conjunction with the Central Bureau for Astronomical Telegrams, has introduced the Possible Comet Confirmation Page (http://www.minorplanetcenter.net/iau/NEO/pccp\_tabular.html). This page will include objects reported to the MPC and CBAT as cometary in appearance, objects with cometary orbits and also test objects that are not cometary in nature. The MPC has received numerous erroneous reports of cometary activity in completely stellar objects, as well as reports of objects as cometary that required 4 or 8 meter telescopes for actual confirmation of activity. Observers should be careful, as repeated reporting of cometary features for non-cometary objects will result in their future reports being ignored.

## ERRATUM

MPC Line 84381 -20

For at Altschwendt read by W. Ries at Altschwendt [discoverer name for (136367)]

# NEW OBSERVATORY CODES

The following listing is a continuation to that on MPC 84677. The longitudes  $\lambda$  are measured in degrees eastward from Greenwich, and the parallax constants  $\rho \cos \phi'$  and  $\rho \sin \phi'$  are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

Obs.  $\lambda$   $\rho\cos\phi'$   $\rho\sin\phi'$ 259 19.22586 0.349828+0.933688 EISCAT Tromso UHF **K51 11.6579 0.69563 +0.71626 Osservatorio del Celado, Castello Tesino** K59 13.27744 0.620411+0.781663 Elsterland Observatory, Jeßnigk K60 13.51069 0.568623+0.819848 Lindby L04 23.59640 0.685544+0.725675 ROASTERR-1 Observatory, Cluj-Napoca L22 27.66953 0.692963+0.718573 Bârlad Observatory W95 291.81981 0.921643 -0.387704 Observatorio Panameno, San Pedro de Atacama Z72 353.88864 0.599295 +0.797856 Cademuir Observatory, Dalkey

## CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Reference	Mag.	Obs.
$2006 \text{ CK}_{69}$	2006 02	03.47935	$09\ 26\ 28.57$	$+15\ 27\ 19.1$	MPS310222		568
$2006 \text{ CK}_{69}$	2006 02	06.33077	$09\ 26\ 13.16$	$+15\ 28\ 37.0$	MPS310222	23.0 r	568
$2006 \text{ CK}_{69}$	2006 02	06.37156	$09\ 26\ 12.95$	$+15\ 28\ 38.6$	MPS310222	22.8 r	568
$2006 \text{ CK}_{69}$	2006 02	06.40970	$09\ 26\ 12.73$	$+15\ 28\ 39.5$	MPS310222	23.4  r	568

#### DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	$\alpha_{2000}$	$\delta_{2000}$	Reference	Obs
$2002 \text{ CZ}_{248}$	2006 02	03.47935	$09\ 26\ 28.57$	$+15\ 27\ 19.1$	MPC 75551	568
$2002 \text{ CZ}_{248}$	2006 02	06.33077	09 26 13.16	$+15\ 28\ 37.0$	MPC 75551	568
$2002 \text{ CZ}_{248}$	2006 02	06.37156	$09\ 26\ 12.95$	$+15\ 28\ 38.6$	MPC 75551	568
$2002 \text{ CZ}_{248}$	2006 02	06.40970	$09\ 26\ 12.73$	$+15\ 28\ 39.5$	MPC 75551	568
$2013 \text{ OO}_{73}$	2013 08	14.28697	$23\ 11\ 31.14$	$-04\ 42\ 17.6$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	14.31020	$23\ 11\ 30.04$	$-04\ 42\ 16.0$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	14.35580	$23\ 11\ 27.89$	$-04\ 42\ 12.6$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	16.28152	$23\ 09\ 59.44$	$-04\ 40\ 04.7$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	16.30373	$23\ 09\ 58.34$	$-04\ 40\ 03.1$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	16.32798	$23\ 09\ 57.12$	$-04\ 40\ 02.1$	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	17.27925	$23\ 09\ 11.32$	-04 39 09.1	MPS476477	I41
$2013 \text{ OO}_{73}$	2013 08	17.32610	$23\ 09\ 08.89$	$-04\ 39\ 07.2$	MPS476477	I41

## **IDENTIFICATION CHANGES**

Continuation to MPC 84682.

Object	Date	UT	$lpha_{2000}$	$\delta_{2000}$	Originally	Mag. N	Obs.
$1999 \; \mathrm{FU}_{97}$	*1999 03	22.288070	11 51 20.035	$6-00\ 26\ 04.55$	5 2006 PR	21.50V	645
$1999 \; FU_{97}$	$1999 \ 03$	22.291542	2 11 51 19.816	$6-00\ 26\ 03.52$	$22006  \mathrm{PR}$	22.45	645
$1999 \text{ TZ}_{336}$	*1999 10	11.39988	$02\ 04\ 06.17$	$+11\ 58\ 02.5$	$1999 \text{ TQ}_{56}$	20.7  V	691
$1999 \text{ TZ}_{336}$	1999 10	11.42166	$02\ 04\ 05.08$	$+11\ 57\ 53.4$	$1999 \text{ TQ}_{56}$	20.6  V	691
$1999 \text{ TZ}_{336}$	1999 10	11.44526	$02\ 04\ 03.95$	$+11\ 57\ 43.5$	$1999 \text{ TQ}_{56}$	20.8  V	691
$1999 \text{ WX}_{27}$	*1999 11	16.25146	$03\ 24\ 18.09$	$+15\ 17\ 59.0$	$1999 \text{ VS}_{224}$	21.8 V	691