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INTERNATIONAL ASTRONOMICAL UNION

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COMET P/2005 SD (LINEAR)

An apparently asteroidal object discovered by the LINEAR project (cf. *MPEC* 2005-S17, *MPS* 142263; discovery observation below) has been found to show a small condensed coma with a fanlike extension to the northwest on CCD frames taken by R. Naves and M. Campas (0.30-m reflector, Barcelona; Oct. 6.9 UT) and by T. Climent (0.25-m reflector, Alginet, Spain; Oct. 15.9), as reported by M. Kidger, Instituto de Astrofísica de Canarias. Kidger adds that an image taken by E. Reina (Barcelona) on Oct. 8.9 also shows a possible short double tail in p.a. 0° and 300° .

2005 UT	α_{2000}	δ_{2000}	Mag.
Sept.16.30101	$0^{\text{h}}37^{\text{m}}55^{\text{s}}.15$	$+44^\circ22'09''.5$	17.3

The following orbital elements are taken from *MPEC* 2005-U01:

Epoch = 2005 Aug. 18.0 TT			
$T = 2005$ Nov. 16.4290 TT	$\omega = 91.1684$	}	
$e = 0.497274$	$\Omega = 313.9150$		
$q = 1.575269$ AU	$i = 21.1390$		
$a = 3.133458$ AU	$n^\circ = 0.1776922$		

COMET P/2005 S2 (SKIFF)

Improved elliptical orbital elements from *MPEC* 2005-T76:

Epoch = 2006 July 4.0 TT			
$T = 2006$ June 29.0656 TT	$\omega = 229.8241$	}	
$e = 0.196734$	$\Omega = 161.2691$		
$q = 6.398388$ AU	$i = 3.1408$		
$a = 7.965465$ AU	$n^\circ = 0.0438417$		

COMET P/2005 S3 (READ)

Improved orbital elements from *MPEC* 2005-U07:

$T = 2006$ Jan. 10.507 TT	$\omega = 140.958$	}	
$e = 0.42059$	$\Omega = 273.428$		
$q = 2.84198$ AU	$i = 3.481$		
$a = 4.90498$ AU	$n^\circ = 0.090729$		