

SourceStatus Codes

This field in the GSC 2.x record was designed to hold various data flags during photographic plate processing. It was later supplemented to indicate the addition of objects from more modern CCD surveys.

SourceStatus Codes for GSC 2.x

The sourceStatus field is a 10-digit number to encode plate processing information, but has been augmented to show the original catalog if it did not come from a plate observation.

Digit (counting from right)	Flag	Possible Flag Values			
1	Number of plates on which this object appeared.	A "00" may include plate observations that were excluded from the GSC2.3. These two digits are read together as an ordinary base ten number, eg, 04 or 12.			
2					
3	Centroider type associated with the exported position	<ul style="list-style-type: none"> • 0 = Barycenter • 1 = Circular Gaussian • 2 = Elliptical Gaussian • 3 = FPA-applied barycenter • 4 = multicircular • 5 = multielliptical • 6 = FPA + circular • 7 = FPA + elliptical 			
Digit from right	Flag	Possible Flag Values			
		0	1	2	3
4	Quality of exported J magnitude	not present	fit	extrapolated	-
5	Quality of exported F magnitude	not present	fit	extrapolated	-
6	Quality of exported V magnitude	not present	fit	extrapolated	-
7	Classification unanimity	mixed vote	unanimous vote	unanimous defect	-
8	Classification voters	More than one 15um scan	One 15um scan	More than one 25um scan	One 25um scan
9	Incomplete processing	Completed processing on all plates	Object was too big to be cut out (> 256x256 pixels) on at least one plate	-	-
10	Deblended object	Single object on all plates	Child (deblended) object on at least one plate	-	-



Other Codes

GSC 2.4.0 and earlier : 99999900 = TYCHO; 88888800 = Sky2000; 77777700 = 2MASS

GSC 2.4.1 and later : Sources from Catalogs have **source code** x 100 as sourceStatus (e.g. sdss = 1700)

[illegible]

