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**INTERNATIONAL ASTRONOMICAL UNION**

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*V5558 SAGITTARII = NOVA SAGITTARII 2007*

S. Nakano, Sumoto, Japan, reports the discovery by Yukio Sakurai (Mito, Ibaraki-ken) of a possible nova (mag 10.3) on two 20-s CCD exposures taken on Apr. 14.777 UT with a Fuji FinePix S2 Pro Digital camera (+ Nikon 180-mm  $f/2.8$  lens), giving the position for the new object as  $\alpha = 18^{\text{h}}10^{\text{m}}18^{\text{s}}.4$ ,  $\delta = -18^{\circ}46'51''$  (equinox 2000.0). Sakurai adds that nothing is visible at this location on an image taken on Apr. 9.8 (limiting magnitude 11.4). Nakano provides the following position end figures for his own measurement of Sakurai's discovery 'jpeg' image:  $18^{\text{s}}47$ ,  $52''0$ . On Apr. 19.712, Nakano obtained his own unfiltered CCD frames of the new object (at mag 10.2) with a 0.25-m  $f/4.8$  reflector, providing the position end figures  $18^{\text{s}}19$ ,  $50''9$  (but apparently involved with a nearby 12th-magnitude star). Nakano adds that K. Itagaki (Yamagata, Japan) obtained an unfiltered CCD image on Apr. 19.745 showing the new object at mag 9.8, with Itagaki measuring position end figures  $18^{\text{s}}27$ ,  $52''1$ ; Itagaki adds that the closest star on the same frame has position end figures  $18^{\text{s}}03$ ,  $46''1$  (mag 12.1). Neither the USNO catalogue nor the Digitized Sky Survey indicates any precursor at the position of the new star. R. Koff (Bennett, CO, U.S.A.) reports the following position end figures  $18^{\text{s}}21$ ,  $51''8$  and magnitude  $V = 9.8$  for the apparent nova from CCD images obtained with a 0.25-m  $f/10$  reflector on Apr. 20.4, adding that it is blended with the star GSC 6272-0182, which is just northwest of the new object.

H. Yamaoka, Kyushu University, writes that, following posting of this object on the Central Bureau's unconfirmed-objects webpage, K. Haseda (Toyohashi, Aichi, Japan) has located several predisccovery images of the new star with a Canon EOS-5D digital camera (+ 120-mm-f.l.  $f/3.5$  lens), providing the following estimated magnitudes: Apr. 7.780 UT, [11.8; 11.792, 11.2 (correction to date given on *CBET* 931); 13.793, 10.8; 14.777, 10.4. Yamaoka adds that Y. Nakamura (Kameyama, Mie, Japan) obtained an unfiltered CCD image with a 135-mm-f.l.  $f/2.8$  camera lens on Apr. 19.803 that showed the apparent nova at mag 9.9, and the new star was evidently not present on an image taken by Nakamura on Apr. 9.792.

N. N. Samus, Institute of Astronomy, Russian Academy of Sciences, informs us that this nova has been given the designation V5558 Sgr.