

INFORMATION:
0604 811030PRODUCTION:
ANNE HURST.

The Astronomer

Founded 1964

(a)

(b)

(c)

(b)

1 = 10.5

2 = 10.8

3 = 11.0

4 = 11.4

5 = 11.7

6 = 11.8

(b) photovisual by G.M.H.

(c) visual by G.M.H.

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VARIABLE OBJECT IN AQUILA: Hurst reports discovery of a variable star during TA Nova Patrol searches on a photograph taken by A G Poole on 1977 June 8.984UT at mag 9.2pv. On 1977 May 14.09UT the object was absent and fainter than mag 10.0pv. The derived position is RA 18h 57.5m -01°39'(1950) which corresponds approximately with VX Aql. The 1974 GCVS gives the following data on VX Aql: range 12.2-(17.0p, type ? spec M. Chart (a) gives a finder field whilst (b) is taken from Tsesevich 'Atlas of Finding Charts of Variable Stars' for VX Aql assuming identification is correct. Observers are urged to monitor visually and photographically using the extremely tentative sequence above and report estimates in full in writing to the Editor.

HM SAGITTAE is the new designation for the 'Emission Variable in Sagitta' (see TA 152, page 151. Shao provides a position: 19h39m41s.40 +16°37'33".1(1950). Feldman, Herzberg Institute of Astrophysics, reports detection of radio emission on May 9.4UT, increasing by May 17.3UT from above position. No emission detected 1976 Nov 23.1UT. He suggests HM Sge may present an unprecedented opportunity to study the emergence of an embryonic planetary nebula. Observations should be made on every opportunity using chart (c) provided and estimates in full to editor end of each month please.