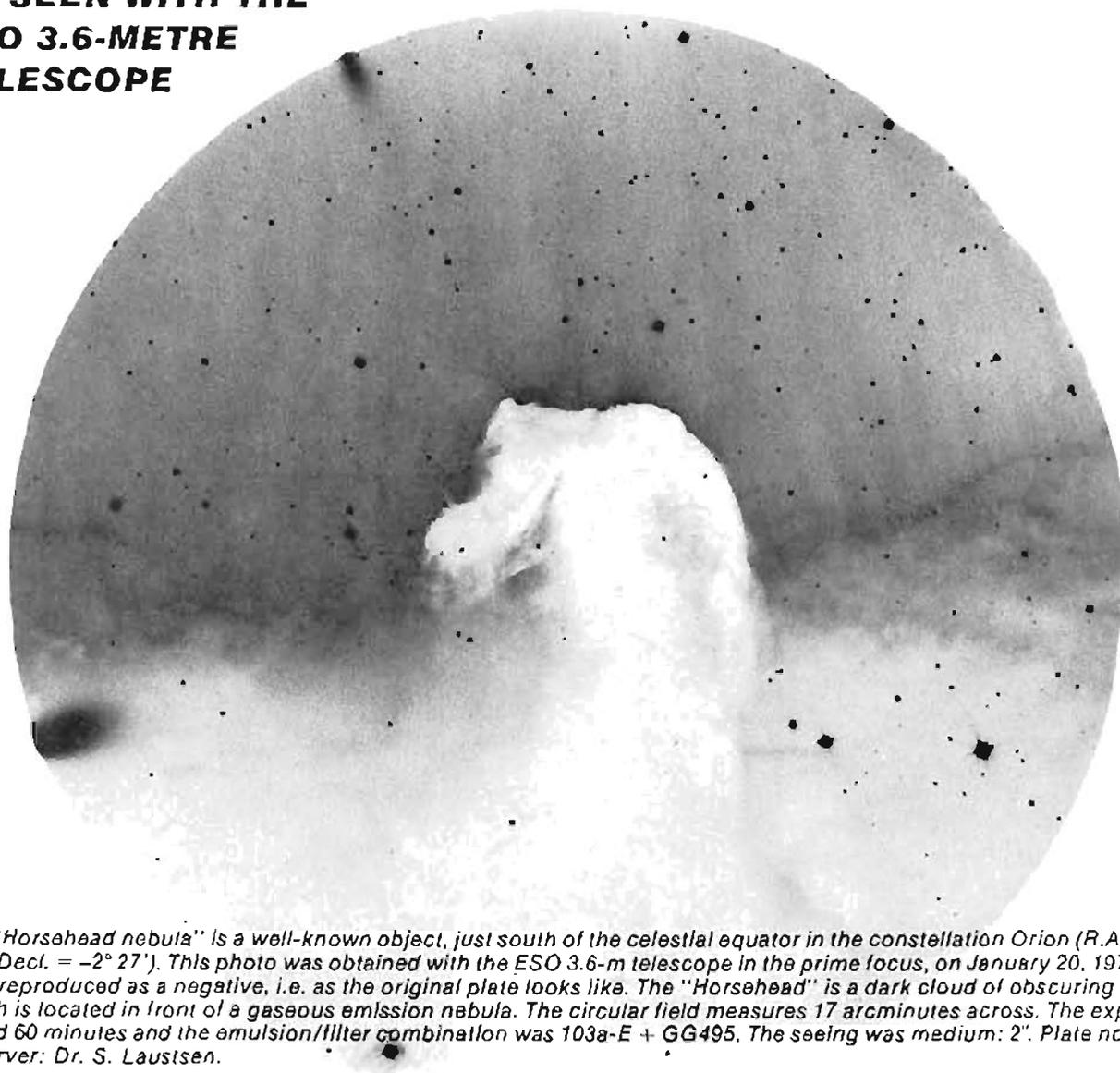




● Munich
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No. 8 — March 1977

THE HORSEHEAD NEBULA AS SEEN WITH THE ESO 3.6-METRE TELESCOPE



The "Horsehead nebula" is a well-known object, just south of the celestial equator in the constellation Orion (R.A. = 05^h 39^m, Decl. = -2° 27'). This photo was obtained with the ESO 3.6-m telescope in the prime focus, on January 20, 1977. It is here reproduced as a negative, i.e. as the original plate looks like. The "Horsehead" is a dark cloud of obscuring matter which is located in front of a gaseous emission nebula. The circular field measures 17 arcminutes across. The exposure lasted 60 minutes and the emulsion/filter combination was 103a-E + GG495. The seeing was medium: 2". Plate no.: 239; observer: Dr. S. Laustsen.