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NOVA IN LARGE MAGELLANIC CLOUD

J.A. Graham, Cerro Tololo Interamerican Observatory, cabled on September 7 that he had found a probable Nova in LMC and advised it needed confirmation. Its magnitude was 13 on August 22 plates. The 1975 position is: $05^{\text{h}}28.6^{\text{m}}$, $-68^{\circ}50'$. This is approximately one minute southeast of HV 12053.

B. Ward, Tirau, had photographed this region on July 30 and August 6, 1972. On both occasions the exposures were five minutes of Trix-X film centred on CPD $-68^{\circ}375$.

The approximate magnitudes obtained from the prints supplied by Ward are:

1972 July 30.312 U.T. 12.0

Aug. 6.319 U.T. 11.0

A further photograph on Sept. 12.419 U.T., with a limit of 13.0, failed to show the nova.

Information on the nova was immediately circulated in New Zealand on receipt of Graham's cable with the result that it has been observed at the Carter Observatory (see IAU Circ. 2445).

October 4, 1972

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