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OAUNI photometry of SN 2023gfo

ATel #16078; *A. Pereyra (Geophysical Institute of Peru, Astronomy Area), M. Espinoza (National University of Engineering - UNI, Peru), J. Tello (UNI), M. Zevallos (UNI), D. Alvarado (UNI), L. de Almeida (Universidade Federal do Rio Grande do Norte, Brasil)*

on 10 Jun 2023; 21:53 UT

Credential Certification: Antonio Pereyra (apereyra@igp.gob.pe)

Subjects: Optical, Supernovae, Transient

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Multiband photometry of Type II **SN 2023gfo** (TNSTR-2023-858, TNSCR-2023-871) on 2023-05-24 (UT) was gathered with the OAUNI 51cm telescope ([arXiv:1512.03104](https://arxiv.org/abs/1512.03104)) at Huancayo Observatory, Peru. CCD imaging using VRI filters was performed under non-photometric conditions (seeing ~1.8") and airmass lower than 1.6. Total integration times of (45x20s=900s) for V, R and I filters yielded:

Date (UT)	filter	mag
2023-05-24.228	V	15.60 +/- 0.01
2023-05-24.197	R	15.33 +/- 0.03
2023-05-24.212	I	15.12 +/- 0.05

UCAC4 field stars were used for the zero point calibration. Caution must be taken in **SN 2023gfo** magnitudes for possible contamination with the host galaxy. The OAUNI project is supported by UNI, TWAS, IGP and ProCiencia-Concytec (Convenio 133-2020 Fondecyt).

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R. E. Rutledge, Editor-in-Chief rrutledge@astronomerstelegam.org

Derek Fox, Editor dfox@astronomerstelegam.org