

Abstract Submitted
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Upgraded Polarized Helium-3 Target and Its Performance in Experiments at Jefferson Lab¹ JUNHAO CHEN, William Mary, A1N/D2N COLLABORATION — Polarized Helium-3 target in Jefferson Lab has been upgraded to significantly increase the performance, including doubled luminosity and better polarimetry performance. This upgraded polarized Helium-3 target system was successfully used in A_1^n (E12-06-110) and d_2^n (E12-06-121) experiments at Jefferson Lab in Hall C with the 12 GeV upgrade, from December 2019 to September 2020. I will present the target performance in these recent experiments.

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