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The Spring 2015 JLab Hall A Deeply Virtual Compton Scattering Run S. LEE ALLISON, Old Dominion University, JEFFERSON LAB HALL A DVCS COLLABORATION — The Jefferson Lab Hall A Deeply Virtual Compton Scattering (DVCS) experiment E12-06-114 will take data at 8 and 10 GeV in Spring 2015. This experiment will measure absolute cross sections of the $H(\vec{e}, e'\gamma)p$ and $H(\vec{e}, e'\pi^0)p$ reactions. The Spring run will complete Q^2 scans at $x_{Bj} = 0.36$ and 0.50. The Q^2-dependent cross sections allow the separation of the leading-twist Generalized Parton Distribution (GPD) amplitude from the higher-twist scaling-violating terms. The GPDs encode the transverse spatial distribution of partons as a function of longitudinal momentum. We will present preliminary results from the Spring run and projections for the complete experiment.

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