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Status of Large Direction-sensitive Gaseous TPC: C/N-1.0

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NEWAGE is a direction-sensitive WIMP search experiment using a three-dimensional tracking gaseous time projection chamber. We have developed C/N-1.0, a next-generation detector with a volume of approximately 1 m^3 , for use in the forthcoming underground dark matter search. Prior to its underground deployment, we conducted surface-laboratory operation tests to evaluate its performance. In this presentation, we report the results of these performance evaluations.

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Session Classification: Project status