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Status and Prospects for the HUNT project

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The High-energy Underwater Neutrino Telescope (HUNT) is proposed to detect the neutrinos from LHAASO sources with significant gamma-ray emission above 100 TeV and identify the PeV cosmic-ray accelerators in our Galaxy. HUNT project has made substantial advancements in the simulations and pathfinder experiments over the past year. This report will briefly introduce the simulation framework upgrade, the array configuration design, the discovery potential estimate, the prototype string in Lake Baikal, and the future plans.

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