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**IsoDAR LEBT Progress Summer 2014** ALEXANDRA DAY, MIT, DAEDALUS COLLABORATION — IsoDAR, the Isotope-Decay-At-Rest experiment, will search for physics beyond the standard model and will provide an innovative platform for sterile neutrino searches. A key component of the IsoDAR design is Low Energy Beamline Transport (LEBT), which includes the H2+ production, transport, and injection into a 60 MeV/amu Cyclotron prior to acceleration. This presentation describes progress made to the LEBT at the Best Cyclotron Systems, Inc., test facility in Vancouver, Canada during the summer of 2014. Results about beam simulations, transport efficiency, and beam dynamics are discussed.

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