

Abstract Submitted  
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**Advanced LIGO Status** MICHAEL LANDRY, LIGO Hanford Observatory/Caltech, LIGO SCIENTIFIC COLLABORATION — Advanced LIGO interferometers will have an order of magnitude better strain sensitivity than those of Initial LIGO, push the corner frequency down to approximately 10Hz, and are thus expected to yield multiple detections of astrophysical gravitational wave sources per year. The installation of Advanced LIGO was launched in October of 2011 at both Hanford, WA and Livingston, LA observatory sites. Since that time we have de-installed Initial LIGO detectors, modified vacuum envelopes, and embarked on the process of both in-vacuum and external installation of Advanced LIGO detector components. In this talk we summarize the status and plans for the installation and commissioning of these detectors.

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