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Searches for GW transients in Advanced LIGO¹

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Advanced LIGO recently completed its first observing run, which collected gravitational wave data with unprecedented sensitivity between September 2015 and January 2016. One of Advanced LIGO's primary goals is to detect gravitational waves from transient sources such as the supernova or the coalescence of binary compact objects containing neutron stars and/or stellar mass black holes. We will report on the most recent searches for gravitational wave transients.

¹On behalf of the LIGO Scientific Collaboration and the Virgo Collaboration