

Abstract Submitted  
for the SHOCK11 Meeting of  
The American Physical Society

**Lagrangian Hydrocode Performance with a Multiphase Equation of State for Tin** BRADLEY PLOHR, Los Alamos National Laboratory — An advanced multiphase equation of state for Tin has been developed by C. Greeff, E. Chisolm, and D. George. We investigate the behavior of this equation of state in a standard Lagrangian hydrodynamics code. Our focus is on (a) shocking to liquid and (b) releasing to a liquid-solid mixture.

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Date submitted: 19 Feb 2011

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