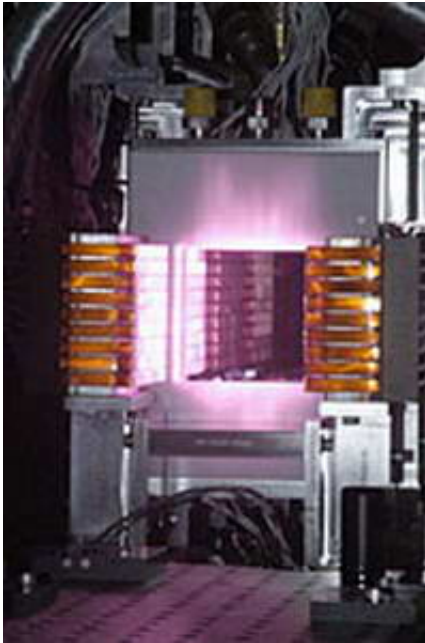


World's most powerful diode pumped solid state laser

July 5 2005



A revolutionary new laser under development at DOE's Lawrence Livermore National Laboratory could drastically reduce casualties by U.S. forces.

The Solid State Heat Capacity Laser program has already successfully achieved world-record energy output.

The system will eventually allow infantry units to use a beam of invisible light to destroy incoming mortars, artillery shells and anti-tank missiles,

as well as defusing buried landmines.

The Army's Space and Missile Defense Command is sponsoring the program, which uses a unique pulsed beam that fires 200 times per second, and can already easily burn a hole through an inch of carbon steel in approximately seven seconds.

Related link: [Lawrence Livermore National Laboratory](#)

Source: DOE Pulse

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