

Weekly News Notes – Division 8000**Sandia/CA held tutorial on High Energy Laser (HEL) Weapons:**

John Albertine was invited to give a short course on the field of HEL weapons, their associated technologies, technical requirements, history, and accomplishments. John is a highly accomplished engineer in the HEL community; he led the development of the first megawatt class HEL system in the U.S. He has served on many influential committees advising ONR, MDA, OSD, and the National Academy of Sciences. The tutorial aims to develop a core of expertise and interest within Sandia in HEL. The tutorial was attended by ~20 scientists and engineers from SNL/NM and SNL/CA. John will be serving as a consultant to the Sandia DSA/Directed Energy line of business.

Submitted by Wen L. Hsu, 8128, 925-294-2379

Using Explosive Detection System (EDS) to destroy German Traktor Rockets:

We briefed the DoD Explosive Safety Board on April 7 regarding the results of recent tests and modeling to support using EDS to destroy German Traktor Rockets. The rockets, which are the only non-stockpile munitions still in storage at Pine Bluff Arsenal, are a high priority for the Non-Stockpile Program because they currently have no way to treat them. They are a challenge because they contain 13 pounds of propellant in addition to the burster charge, which exceeds the approved explosive rating of EDS. The testing and modeling show that we can disrupt the propellant without causing it to detonate and, even if does detonate, the EDS vessel will contain the blast with only minor damage. The ESB concurred with the conclusions and tentatively approved using EDS for this mission pending receipt of final documentation from the Army.

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