

**Weekly News Notes – Division 8000****Center 8100 – Homeland Security and Defense Systems****EDS System Test:**

During September the Explosive Destruct System (EDS) team completed fabrication of the P2 Pilot System (P2P) and performed three successful tests. The purpose of P2P is to provide a test bed for upgrades and improvements to the EDS. In these tests we qualified the P2P system for explosive operations and evaluated several improvements that have been under development for the past two years. These improvements will shorten the process time to one day. We tested a rapid heating and cooling system, an on-line chemical monitoring system, a rapid gas monitoring system, an improved vessel closure mechanism, an improved door hinge, and larger valves and pumps. We also demonstrated the ability to simultaneously process six 155 mm shells, which is a key requirement for possibly using EDS at Pueblo Army Depot. Team members from Livermore and Albuquerque participated in the tests. We plan to ship the system to Aberdeen Proving Ground at the end of October for mustard testing.

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**Center 8200 – CA Weapons Systems Engineering Center****Center 8300 – Transportation Energy Center****Center 8500 – California Site Operations Center****Center 8600 – Biological & Materials Sciences Center****Center 8900 – Computer Sciences & Information Systems Center****Center 8900 – Computer Sciences & Information Systems Center**