

## USN Qualification of PBXW-14

Ms. Heather A Gokee  
Indian Head Div. NAVSURFWARCEN  
101 Strauss Ave  
Indian Head MD 20640-5035  
USA  
Phone: 301 744 4208  
Fax: 301 744 6406  
Email: heather.gokee@navy.mil

PBXW-14 is a high output booster formulation that has been tailored to provide improved cookoff performance over PBXN-5. It is an HMX analog of PBXN-7 with demonstrated performance equivalent to CH-6. With the continuing opportunities to field less sensitive HE main charge formulations, PBXW-14 is a state-of-the-art booster formulation that will not unduly increase the IM risk. A 300-pound batch of PBXW-14 has been produced by BAE Systems OSI, Holston and is undergoing USN Explosive Qualification. PBXW-14 scale-up and processing information as well as characterization, lab-scale, and small-scale test data will be presented.