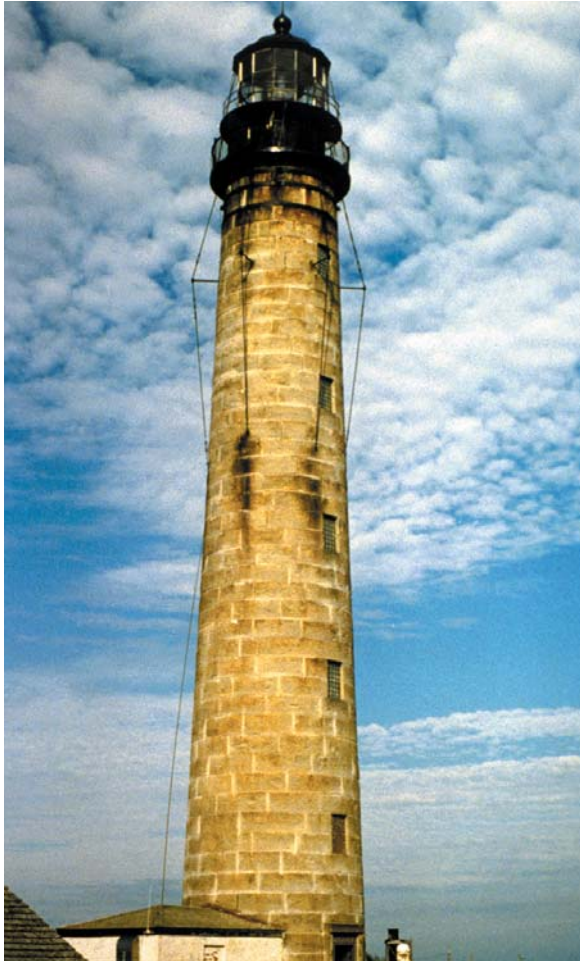


# Renovating Petit Manan Lighthouse, Coastal Maine

*Restoration contractor blast-cleans historic lighthouse; strips lead paint from cast iron, steel, copper and bronze, two-hundred feet high, without effecting environment*



The US Coast Guard decommissioned the Petit Manan Lighthouse, located in a National Fish & Wildlife bird sanctuary, three-miles off the coast of Maine. Renovation of the lantern required stripping lead-based marine and hydro-poly-urathane coatings from steel and cast iron; cleaning bronze and copper on the roof deck, and removing rust and black stains from the structure's granite block. Even though conventional abrasives were specified, the project contractor chose the Sponge Blasting™ System:

- **Blasting Controlability** - Sponge Media™ abrasives are sensitive on bronze, copper and masonry substrates, yet more aggressive on steel and cast iron substrates - a range most conventional abrasives do not offer.
- **Environmentally Friendly** - Removing toxic, lead-based paint, meant the process had to be dry and easily containable. Status as a National Fish and Wildlife bird sanctuary, also required the blast media be easily recoverable and non-appealing to birds, unlike most agricultural abrasives.
- **Recyclable Media** - The high cost of transporting both abrasive media and spent media to and from the lighthouse, made recyclable Silver Sponge™ Media abrasive the favorite

because it lowered the total required volume; lowered transportation costs; lowered media handling and disposal costs.

The contractor was able to blast two-hundred feet high, recycle Sponge Media abrasives up to seven times - restoring the lighthouse to its original condition.



Visit Sponge-Jet, Inc. at  
**www.SpongeJet.com**  
or call **603-610-7950**  
to learn more about the  
Sponge Blasting™ System