

VLF Towers Cutler, Maine



Owner	Project	Painting Contractor	Date of Project
United States Navy	Very Low Frequency Towers	Abhe and Svoboda	Ongoing 2003

A very Low Frequency Tower (VLF) is responsible for communications through water to submarines. There are 3 of these locations in the world that are owned by the United States Navy, the largest being the one in Cutler, Maine. On the top of the ocean it sends messages to the submarine crews throughout the Atlantic. Conditions are always cold and foggy so the coating needs to work in the worst of climates. Wasser was called in because of its moisture curing properties, even down to 20°F. After all, the Navy can't be slowed by coatings that need prolonged dry times in cold climates.

Systems and Substrates			
Surface Preparation	Spot Prime	Intermediate	Topcoat
High Pressure Water Jetting down to galvanized Metal	MC-Miozinc	MC-CR	MC-Shieldcoat