

VLF Towers Cutler, Maine

PROJECT DATE
2003

SUBSTRATE
Steel

OWNER

United States Navy

PROJECT

Very Low Frequency
Towers

GENERAL CONTRACTOR

Abhe and Svoboda

SYSTEM

Surface preparation

High Pressure Water
Jetting down to galvanized
Metal

Spot Prime

MC-Miozinc

Intermediate

MC-CR

Top-coat

MC-Shieldcoat

INTRODUCTION

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.

