# BELZONA INCREASES JET DRIVE EFFICIENCY ON THIS HIGH SPEED YACHT

ID: 279

Industry: Marine Customer Location: Private, high-speed motor yacht in

Florida, USA

Application: SOS-Ships and Offshore Structures Application Date: 1999

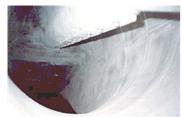
Substrate: Aluminum

Products: \* Belzona® 1111 (Super Metal),

\* Belzona® 1341 (Supermetalglide),

#### Problem

Galvanic corrosion and cavitation. Erosion accelerated by entrained solids.









## **Photograph Descriptions**

\* Inlet tunnel, prior to surface preparation, \* Application in progress, \* & 4. Ready for service,

## **Application Situation**

Jet Drive Transom Bowl on a large high speed yacht.

# **Application Method**

After blasting the substrate to a 3-mil profile, all the irregular surfaces were faired with Belzona® 1111 and then coated with two coats of Belzona® 1341. The application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and SOC-2.

### **Belzona Facts**

There are two approvals for this particular application, one by KaMeWa North America and the other by ABS. The customer is pleased with the performance of the Belzona coating and refurbishes the jet drive every few years to maintain the hydrodynamic performance of the jet drive bowl.