

## ROBERT A. OJALA - CAREER PROFILE

### Contact Information

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### Education & Certifications

University of Michigan, B.S.E. in Naval Architecture, 1970  
P.E. (EIT) Exam passed 1970, State of Michigan  
Authorized Inspector of The National Board of Boiler and Pressure Vessel Inspectors, State of Vermont  
Certified Welding Inspector by The American Welding Society (AWS-CWI)  
Certified Level II UT, MT and PT, NDT procedures (A.B.S.)  
Condition Monitoring Course, New York Maritime Academy  
Registered Inspector, U.S. Dept. of Transportation  
Member of S.N.A.M.E.(Society of Naval Architects and Marine Engineers)  
Member of the American Welding Society  
Member of N.A.M.S.(National Association of Marine Surveyors)  
American Waterways Operators Certified RCP-Auditor  
American Society of Appraisors (USPAP)  
Member of International Shipmaster's Association and Propeller Club of America  
Assessment of Quality Management Systems, Certified Auditing Class (ISO 9000)  
Member ABYC

### Employment History

May 1988-Present : **A3PI Services, Inc.**, Willow Springs, IL  
Owner; Consultant, Naval Architect, Marine Surveyor, Auditor

Duties & Responsibilities:

#### **Marine Consulting and Surveys including the following:**

Investigations and consulting  
New Construction Representation  
Hull & Machinery Damage (Owner/Underwriter)  
Condition & Valuation (Ship, barge & yachts)  
Towing Approvals & Cargo Stowage Plans  
On and Off-Charter Condition Surveys, Repair Estimates  
Salvage Planning and Supervision  
Environmental Compliance Audits/Oil Record Book Training  
Underwriter Surveys (pre-insurance conditions, accident investigations, surveys, repair specifications)

#### **Industrial Audits & Inspections including:**

Quality Assurance Audits per client specs.  
Machinery tests - Third Party Inspection

#### **Material Test & Inspection, NDT witness**

Pressure Vessel fabrication, test representation  
Steel fabrication & welding, AWS-CWI  
Machine parts inspection and reporting  
Material Thickness testing and reports  
Various Third Party Inspections

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### **Naval Architecture Services including:**

Hull Design and Modifications  
Stability, Salvage, other technical projects  
U.S. Coast Guard Passenger Vessel approvals  
Small Modification Project drawings & approvals  
Legal Expert Witness and Consultant

Jan. 1974-May 1990: **American Bureau of Shipping**, Oak Brook, IL

#### **Marine Surveyor & Industrial Auditor/Inspector**

**Duties & Responsibilities:** Inspect ships, barges, materials & machinery. Safety and structural examinations, approval of repairs, admeasurement surveys, all SOLAS/IOPP Surveys. Audit diesel, steel mill and Type Approved plants to ABS Q.C. standards and represent client specifications for private, federal and foreign interests. Complete report writing responsibilities for all these duties.

May 1972-Jan.1974 : **Waukesha Engine Company**, Waukesha, WI

#### **Marine Sales Engineer**

**Duties & Responsibilities:** Responsible for Application Engineering and Installation of Marine Diesel and Auxiliary Sales. Visit Marine engine owners and shipyards as required to solve installation problems. Write Marine Installation Manual. Satisfy requirements of Marine Regulatory bodies.

1970- May 1972: **Dubuque Boat & Boiler Company**, Dubuque, IA

#### **Vice-President of Engineering**

**Duties & Responsibilities:** Total responsibility for design of passenger vessels, towboats and barges; supervise draftsmen and specify purchasing requirements. Oversee production techniques and procedures. Assist in pricing, bidding and contracts.

### **Specific Experience**

#### **Design & Technical Services**

- U.S.C.G. Passenger Vessel Design and consulting
- Conversion drawings, layout and design services
- Drydock & Vessel Stability studies
- Owner representation for construction & conversion
- Legal Expert Witness/Consultant on several projects per year

#### **Marine Surveys**

- New Construction
- Admeasurement Dimensions, Stability, U.S.C.G. approvals
- Hull & Machinery Damage & Repair Surveys, Ships & Barges
- Accident Investigations/Underwriter Representation
- Vessel salvage planning and supervision
- Cargo Gear and shipboard crane Surveys
- All Classification, SOLAS, IOPP & Load Line Surveys/Environmental Compliance
- Cargo Condition Surveys, Cargo Loading/Stowage, Damage
- Yacht Condition and Valuation, Underwriter Surveys
- Bridge inspection and damage surveys
- Environmental Audits, Consulting, Training

#### **Industrial Surveys**

- Quality Assurance Audits, Inspection Plans, Export inspections
- Machinery; Pielstick, EMD, Caterpillar, Waukesha, Falk, various boilers & electric equipment, pump tests (NPSH & Operating), hydraulics, etc.
- Materials, Test & Inspection; Steel plate, pipe, boiler tubing, forgings, castings, weld wire and rod, Aluminum, propellers, familiar with most laboratory testing.
- Steel fabrication & welding (ASME, AWS, ABS requirements)

**Also refer to COMPANY PROFILE for A3PI Services, Inc. for further details**