

A3Pi Services, Inc.	
Marine Consultants & Surveyors	
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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

Career Profile - Robert A. Ojala

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