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# Alpha Boats Unlimited

1.1

div. of Barber Welding, Inc.

- Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

City of Fort Lauderdale  
Procurement Services Division  
100 N. Andrews Avenue, Room 619  
Fort Lauderdale, FL 33301

July 8, 2015

ATT: AnnDebra Diaz  
Procurement Specialist II

Number: 554-11608  
Title: Trash Skimmer Vessel  
Due Date: Monday, July 13, 2015  
Time: 2:00:00 EDT

Dear Ms. Diaz:

We are pleased to submit our proposal for Trash Skimmer Vessel to the City of Fort Lauderdale for the City's Parks and Recreation Department. The Alpha skimmer boat model being presented is the Marina Cleaner MC-702 which we feel meets and exceeds your requests. For the support equipment we are providing either the Tilt Deck Trailer Model TLT-600.

Attached with our bid is all required forms by the city along with our supporting documentation. The specified equipment is of current design and production and of proven performance history.

Thanking you in advance for the opportunity to bid and if you need further clarification, please do not hesitate to contact me.

Sincerely yours,

Stephen L. Walczyk  
President

AS/

Enclosures:

- 1 Original 2 Copies Bid Response Binders
- 5 Bid Response CD's



# Alpha Boats Unlimited

div. of Barber Welding, Inc.

1.2

- Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

**EXECUTIVE SUMMARY  
EXPERIENCE AND QUALIFICATIONS  
APPROACH TO SCOPE OF WORK  
REFERENCES  
MINORITY/WOMEN (M/WBE) PARTICIPATION  
SUBCONTRACTORS**

**CORPORATE / MAIN OFFICE**

Barber Welding Inc., dba Alpha Boats Unlimited  
2517 State Route 31, PO Box 690  
Weedsport, NY 13166 USA  
Phone: 315-834-6645 ext 140  
Fax: 315-834-6045  
E-Mail: [info@alphaboats.com](mailto:info@alphaboats.com)  
Website: [www.alphaboats.com](http://www.alphaboats.com)

**FEDERAL TAX ID NO.** 16-0919986

**DUNS #:** 01-336-8196 **BAI RATING**

**ESTABLISHED** 1948

**INCORPORATED** 1967

**US DEPARTMENT COMMERCE EXPORT CCATS#:** G047593

**US FEDERAL GOVERNMENT SYSTEM AWARD MANAGEMENT (SAM):**  
013368196 / 377M9

**US COAST GUARD HULL CERTIFICATION**  
(Manufacturers Identification Code-MIC): HGU

**SIZE OF FIRM:** SBE 16-20 Employees

## COMPANY DESCRIPTION AND PRODUCT SUMMARY

Alpha Boats Unlimited, div. of Barber Welding Inc. is a worldwide manufacturer of Water Management Equipment, is located in Central New York. Based on a 30,000 sq. ft. facility, our staff combines long standing experience in design and construction of our products.

Alpha offers well-rounded product lines for the care, treatment, conservation, and maintenance of inland and coastal waterways. These include aquatic harvesters, trash/debris skimmer vessels, multi-purpose Hydro-Mate, transport and work barges, dredges, cranes and work boats, as well as all support equipment (i.e. trailers and shore/pier conveyors). We also provide reconditioning, upgrades, service, repairs and spare parts for an assortment of aquatic equipment. Alpha offers a variety of equipment to suit specific water maintenance needs.

Our principles are to solve the problems of aquatic plant control and water pollution using combination of new concepts, technology, sustainable business practices and practical improvements in our manufacturing and design. Working with government agencies, landfills, environmental groups, farmers and organizations we are committed in providing and maintaining environmentally sustainable solutions in our workplace and our product line.

Unlike trash and debris in the waterways, aquatic plants have always existed as part of nature's ecosystem. However, due to the continuing worldwide use of fertilizers and detergents released in ground water runoff an explosion of aquatic plant growth has added significantly to the water's nutrient levels. With global warming and unknown future impacts on the environment, herbicides have become a concern among the public to control aquatic plant growth. Mechanical harvesting and biological control have become acceptable methods.

Mechanical method is economical and environmentally safe, removes plants (which absorb nutrients), and provides control and reduction in bottom sediment nutrient build-up. It opens up navigational channels and increases flow of irrigation and drainage of water. Significant impact by increase in tourism around recreational waterways along with increased property values, commercial fishing, and water sports.

An aquatic weed harvesting system typically consists of the aquatic weed harvester which is hydraulically driven using environmentally safe bio-degradable hydraulic fluid and powered by a diesel engine which has B-5 or B-20 bio-diesel capability.

The harvester cuts the aquatic vegetation which is then transferred to a shore or pier conveyor which unloads the biomass into a dump truck for disposal. This same system is used for trash/debris skimmer vessel. A transport barge may be incorporated to move larger masses of harvested vegetation or debris thus acting as a "taxi service."

**COMPANY DESCRIPTION AND PRODUCT SUMMARY – cont'd**

Alpha Boats Trash/Debris Marina Cleaners are a line of heavy-duty vessels for use in ports, marinas, harbors and all bodies of water for environmental maintenance and pollution prevention measures. They are also hydraulically driven using environmentally safe bio-degradable hydraulic fluid and powered by a diesel engine which has B-5 or B-20 bio-diesel capability.

Our Marina Cleaner is the “Solution for Pollution.”

Barber Welding Inc., (BWI) (www.barberweldinginc.com) with **OVER 65** years of experience. BWI is a manufacturing facility which offers fabrication for

- Tanks, guards, frames, and bases.
- Welding, shearing, cutting, burning, forming and rolling.
- Certified welding - GMAW and SMAW.
- Prototypes, weldments and production runs
- Steel, aluminum, stainless steel, and cast iron.

**Special capabilities**

- Angle Rolling
- Pipe Rolling
- Plate Sheet Rolling
- Press Brake
- Plasma Cutting
- Hole Punching
- Straightening Press

We offer technical support in design assistance, production layout, and Early Supplier Involvement (ESI). Provide portable services for maintenance, repair, and installation. Additional services in machining, testing, and galvanizing. Carry inventory of angle, bar, channel, plate, sheet, and tubing material along with providing finishing in painting, sandblasting and polishing.

**SUSTAINABLE BUSINESS PRACTICES:**

Barber Welding Inc and Alpha Boats Unlimited engages in recycling, energy conservation, community conservation along with in-house environmental management and engineering. We strive to produce the water management equipment to not only meet government standards but to move beyond these standards and thus supporting the BEST sustainable business practices.

1.2

**KEY PERSONNEL / EXPERIENCE AND QUALIFICATIONS**

1. STEPHAN L. WALCZYK – CONTRACT SIGNATORY  
PRESIDENT – SOLE SHAREHOLDER, SOLE MEMBER OF BOARD OF DIRECTORS  
GRADUATE – MAJOR, BACHELOR OF TECHNOLOGY  
MINOR, APPLIED SCIENCE
2. SUSAN BURNS  
ACCOUNTING DEPARTMENT  
GRADUATE – BUSINESS  
20 YEARS EXPERIENCE
3. ANNE SENECA – ALPHA BOATS CONTRACT  
SALES/MARKETING DIRECTOR & EXPORT/LOGISTICS  
GRADUATE – MAJOR, BUSINESS MANAGEMENT  
33 YEARS EXPERIENCE
4. DAVID DUNHAM -  
OPERATIONS MANAGER  
GRADUATE – TECHNICAL TRADE DEGREE IN CAM (MACHINING & WELDING)  
23 YEARS EXPERIENCE
5. NEIL LAPAGE  
ENGINEERING DEPARTMENT  
GRADUATE – MECHANICAL DESIGNER  
17 YEARS EXPERIENCE

**KEY ELEMENTS OF THE PROPOSAL:**

Alpha Boats Unlimited shall address trash debris skimmer requirements and provide qualified equipment solution with supporting equipment (trailer) and options as requested by City of Fort Lauderdale to their Parks & Recreation Department.

**APPROACH TO SCOPE OF WORK:**

**Background of Requirement:**

Trash debris skimmer, trailer and options is required by City of Fort Lauderdale for their Parks & Recreation Department.

**Statement of Requirement:**

The trash skimmer vessel is intended to retrieve a wide variety of manmade and organic floating debris including litter, tires, leaves, timber, branches, coconuts, logs, lightweight household-type cups, cans, bottles, paper, Styrofoam, plastic bags, and any miscellaneous debris commonly found in waterways.

Trash skimming vessel shall have the means for picking up floating debris, means for storing the debris on the vessel, and means for discharging the debris from the vessel to a storage area, which may be ashore or which may be another vessel such as a barge.

Trash skimmer vessel shall be stable and easily maneuverable in the water, simple to operate for collection and discharge operations, and easily trailer able for transportation by roadway between work sites.

Shall meet or exceed all United States Coast Guard requirements for the type of vessel being proposed.

**Proposed Vision:**

Alpha Boats Unlimited trash skimmer vessel is being designed (as per our long form specifications) with 316L (low carbon for better weld ability and corrosion resistance). This includes mostly fabricated parts of the vessel except the aluminum parts. We are exceeding your minimum standard requirements and offering a better solution for your trash skimming needs.

**Methodology (Timeline)**

In the summer season is the time of year that aquatic weed harvester, trash/skimmer vessels with support equipment are in high demand along with supply chain for parts and maintenance. Based on receipt of purchase order and/or contract the following is a generalized timeline without additional options or customer specific requirements.

Basically it requires four (4) months for receipt of major components, four (4) months to fabricate/assembly and test the skimmer.

**CREDIT REFERENCES:**

- |  |   |
|--|---|
| <p>1. Bell Power Systems<br/>(Diesel Engines- Yanmar &amp; John Deere)<br/>Bob Jones, Account Manager<br/>34 Plains Road<br/>Essex, CT 06416<br/>Tel: 1-860-767-7502<br/>Fax: 1-860-767-7290</p> | <p>2. Pressure Connections<br/>(Hydraulics &amp; Hose Supplier)<br/>610 Claycraft Road<br/>Columbus, OH 43230<br/>Tel: 1-614-863-6930<br/>Fax: 1-614-864-1327</p> |
|--|---|

**REFERENCES (4.2.5) INCLUDING PAST PROJECTS WITH SIMILAR SIZE AND SCOPE (4.2.3)** All of the following projects were completed and delivered as per Alpha Boats Unlimited RFQ/Bid response, purchase orders or contract terms inclusive with pre-build meeting agreement as requested by buyer.

1. YTL Corporation – Pangkor Laut Resort  
 Syarikat Pelanchongan Pangkor  
 Laut Sdn. Bhd.  
 Captain Steven Riley  
 55 Jalan Bukit Bintang  
 55100 Kuala Lumpur, Malaysia  
 Tel: 011-603-2142-6633  
 Fax: 011-6-3-2142-270  
 Email: ytlprincess@ytl.com.my (Captain Steven Riley)  
 Email: hmtan@ytl.com.my (Ms. Josephine Tan Hooi Mooi)

Model: Marina Cleaner Trash/Debris Skimmer MC-202  
 Year: 2005

Total Cost: \$ 190,000.00 estimated and actual

2. Port Of Los Angeles  
 Harbor Department / City of Lost Angeles  
 Steve Mangold, Mechanical Repair / General Supervisor  
 500 Pier A Street  
 Wilmington, CA 90744-6433  
 Tel: 310-732-3580  
 Fax: 310-834-8248  
 Email: smangold@portla.org

Models: Marina Cleaner Trash/Debris Skimmer MC-402  
 Tilt Deck Trailer: TLT-400E  
 Pier Conveyor (extended): PC-6036E

Year : 2009

Total Cost: \$ 364,519.97 estimated and actual (includes payable California Tax which was submitted to State of California on their behalf)

1.2

**REFERENCES (4.2.5) INCLUDING PAST PROJECTS WITH SIMILAR SIZE AND SCOPE (4.2.3)** All of the following projects were completed and delivered as per Alpha Boats Unlimited RFQ/Bid response, purchase orders or contract terms inclusive with pre-build meeting agreement as requested by buyer.

3. City of Oklahoma City  
Mike Gaston, Unit Operations Mgr.  
3738 Southwest 15th Street  
Oklahoma City, OK 731086  
Tel: (405) 682-7032  
Fax: (405) 623-0807  
Email: james.gaston@okc.gov  
Models: Marina Cleaner Trash/Debris Skimmer MC-202  
Water Management Boat AM-2000  
Transport Barge TS-18  
Tilt Deck Trailer TLT-800  
Shore Conveyor SL-6036  
Year: 2010 and 2015  
Total Cost: \$ 657,944.00 estimated and actual

4. City of Long Beach  
MC-402, TLT-400E, PC-6036E  
Queensway Bay  
Paul S. Bays, Supervisor or Donald Easterby, Beach Maintenance  
4320 Olympic Plaza  
Long Beach, CA  
Tel: 562-570-8741  
Email: donald.easterby@longbeach.gov  
Models: Marina Cleaner Trash/Debris Skimmer MC-402  
Tilt Deck Trailer TLT-400E  
Pier Conveyor (extended): PC-6036E  
Year: 2007  
Total Cost: \$289,021.00 estimated and actual

5. Central Arizona Project  
MC-202, TLT-600  
Dallas Hillhouse, Maintenance Supervisor, Supervisor, Aqueduct Maintenance  
23636 N 7th Street  
Phoenix, AZ 85025  
Tel: 1-623-869-2637  
Email: dhillhouse@cap-az.com  
Models: Marina Cleaner Trash/Debris Skimmer MC-202 (previously owned / refurbished)  
Tilt Deck Trailer TLT-600  
Year: 2011  
Total Cost: \$ 116,341.14 estimated and actual

**REFERENCES (4.2.5) INCLUDING PAST PROJECTS WITH SIMILAR SIZE AND SCOPE (4.2.3)** All of the following projects were completed and delivered as per Alpha Boats Unlimited RFQ/Bid response, purchase orders or contract terms inclusive with pre-build meeting agreement as requested by buyer.

6. United States Fish and Wildlife Svcs. (USFWS)  
 Eastern Massachusetts NWR Complex  
 Tom Eagle, Deputy Refuge Manager  
 73 Weir Hill Road  
 Sudbury, MA 01776  
 Tel: 978-443-4661 Ext 12  
 Email: tom\_eagle@fws.gov

Models: Aquatic Harvester Model FX-6  
 Transport Barge TS-10  
 Tilt Deck Trailers (2) TLT-300  
 Shore Conveyor SL-6036  
 Year : 2014

Total Cost: \$ 309,533.60 estimated and actual

Alpha Boats Unlimited can provide more past projects and references upon request (atleast three were requested for references and no amount for past projects).

#### **MINORITY/WOMEN (M/WBE) PARTICIPATION**

The proposer agrees to follow the same policy in performing this contract under the Equal Opportunity Clauses required by Executive Order 11246.

Barber Welding Inc. and Alpha Boats Unlimited provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability or genetics as defined by US Federal Law. In addition to federal law requirements we comply with applicable state and local laws governing nondiscrimination in employment in every location in our facility. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.

The policy of the Barber Welding Inc. and Alpha Boats Unlimited is to encourage the participation of small, minority, and woman-owned business in its purchases of supplies and services to the maximum extent practicable consistent with efficient contract performance. We also encourage the participation and prohibit the discrimination against qualified individuals on the basis of protected veteran status or disability, and require affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans and individuals with disabilities.

1.2

**SUBCONTRACTORS:**

Barber Welding Inc., dba Alpha Boats Unlimited will be utilizing freight forwarder/broker services as subcontractor for the inland trucking transportation in delivery of proposed equipment. Freight forwarder/broker services cannot be identified until contract has been awarded. Upon award of contract we will identify along with required insurance documentation.

## **2.1**

# **FORT LAUDERDALE REQUIRED FORMS**

**BID/PROPOSAL CERTIFICATION**

**Please Note:** All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) BARBER WELDING INC dba Alpha Boats Unlimited

Address: 2517 State Route 31, PO Box 690

City: Weedspport State: NY Zip: 13166

Telephone No. 315-834-6645 FAX No. 315-834-6045 Email: slwalczyk@barberweldinginc.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 240 days

Payment Terms (section 1.04 of General Conditions): 45 days ARO

Total Bid Discount (section 1.05 of General Conditions): 0

Does your firm qualify for MBE or WBE status (section 1.09 of General Conditions): MBE      WBE      SBE XX

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

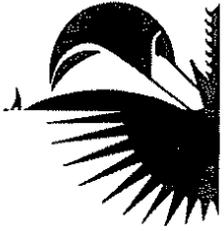
<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>06/29/2015</u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

**VARIANCES:** If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **If submitting your response electronically through BIDSYNC you must also click the "Take Exception" button.**

SEE ALPHA BOATS UNLIMITED LONG FORM SPECIFICATIONS

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by: Stephen I. Walczyk  
 Name (printed) Stephen I. Walczyk  
 Signature   
 Title President  
 Date: July 8, 2015



## ADDENDUM NO. 1

RFP 554-11608  
Trash Skimmer Vessel

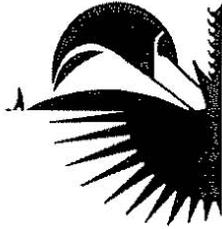
ISSUED June 3, 2015

This addendum is being issued for clarification purposes in response to questions posed at the pre-proposal meeting.

1. Q. Section 2.22 - Payment and Performance Bond: Can a monetary deposit be made as surety in lieu of a performance bond?  
A. Yes

*The following questions reference Section VI – Specification Compliance and Section VII – Cost Proposal. Both sections have been revised and included with this addendum. Proposers shall use the revised Sections VI & VII when responding to this proposal.*

2. Q. Item 1- Is it necessary for all items on the vessel to be maritized?  
A. Specifications remain as stated.
3. Q. Item 8 - Clarify the radio requirements  
A. Item 8 has been clarified, refer to Revised Section VII.
4. Q. Item 10 - Can different types of batteries be used?  
A. No, Item 10 remains as stated and will not include lithium ion batteries.
5. Q. Item 11 - Clarify the extent to which the hydraulic system should be maritized.  
A. Specifications remain as stated.
6. Q. Clarify Item 12. Metals  
A. Item 12.e has been added, refer to Revised Section VII.
7. Q. Item 14 - Does the water cannon need to be operated from the helm?  
A. Item 14 has been clarified, refer to Revised Section VI.
8. Q. Item 16 - What if the vessel has a hybrid drive system?  
A. The following has been **deleted** from this section:  
“Inboard or outboard”
9. Q. Item 17 - Clarify the required adjustability of the material handling system  
A. Item 17 has been clarified, refer to Revised Section VII.
10. Q. Item 21 - Does the hopper need to accommodate dumping?  
A. Item 21 has been clarified, refer to Revised Section VII.



City of Fort Lauderdale • Procurement Services Division  
 100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
 954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

2.3

- 11. Q. Item 27 - Do manuals need to be delivered at the time of bidding?  
 A. Item 27 has been clarified, refer to Revised Section VII.
- 12. Q. Item 28 – Clarify the training schedule  
 A. Item 28 has been clarified, refer to Revised Section VII.
- 13. Item 29 Warranty has been revised, refer to Revised Section VI & VII.

All other terms, conditions, and specifications remain unchanged.

AnnDebra Diaz, CPPB  
 Procurement Services Division

Company Name: BARBER WELDING INC., DBA ALPHA BOATS UNLIMITED

Bidder's Signature: *Stephen L. Walczyk, P.E.S.*  
 (please print)  
 STEPHEN L. WALCZYK, PRESIDENT

Date: JULY 8, 2015

Section VI – Specification Compliance - REVISED

Any areas marked "No" require explanation to what is not compliant and what is being provided, if applicable. Bold items preferred or required if specified. Please be clear as to exceptions.

1. All materials used in the construction of the proposed vessel shall be maritized (suitable for use in a saltwater environment) including hull, electronics, batteries, connectors, metals, hydraulics, controls, propulsion systems, rubber materials, bearings, sprockets, hardware, brackets, chains, cables, hoses, covers, seats, flotation devices, etc.

Does your proposal comply with this requirement?

Yes  No

2. Vessel must be able to safely navigate forward and reverse with a full load of debris through waterways as narrow as 17 feet wide.

Actual waterway width navigation capabilities 124 INCHES/ 10'-4"

Does your proposal comply with this requirement?

Yes  No

3. Vessel must have a maximum vertical clearance of 10 feet above the waterline.

Actual vertical clearance above waterline 9'-10"

Does your proposal comply with this requirement?

Yes  No

4. Vessel must have a maximum draft of 36 inches.

Actual Draft 22 INCHES

Does your proposal comply with this requirement?

Yes  No

5. Proposer shall provide a shaded cover area for the operator platform. Proposer shall define in detail the materials used in construction and total area of shade for the covered operator area of the proposed vessel. **ALUMINUM SUN/RAIN ROOF**

**1/8" ALUMINUM SHEET 26" X 60" WITH STAINLESS STEEL VERTICAL SUPPORTS**

**Does your proposal comply with this requirement?**

Yes  No

6. Must be able to complete a 360 degree turn in a waterway no greater than 50 feet wide  
Actual operational length 42 FEET

Actual 360 degree turn capabilities YES

**Does your proposal comply with this requirement?**

Yes  No

7. Vessel must have a permanent structure ("rub rail") on both sides to prevent damage to vessel from rubbing on docks, sea walls, and berthing structures. Proposer shall define in detail the materials used in construction of this feature of the proposed vessel.

**D SHAPED RUBBER RUB RAIL**

**Does your proposal comply with this requirement?**

Yes  No

8. Operator's platform shall be equipped with a seat and console with engine controls monitoring system including warning lights, tachometer and hour meter, and hydraulic controls with pressure gauge, required VHF communication radio, compass, horn, depth finder, radio with weather band, fire extinguisher, and any other required equipment.

**Does your proposal comply with this requirement?**

Yes  No

**Construction Materials**

**Electronics**

9. Electronics shall meet the following protection methods. Proposer shall define in detail the materials used in construction of electronic system of the proposed vessel.

- a) Fully encapsulated connections in resin or gel to protect from salt air and saltwater.
- b) Protected from vibrations by specialized mounting of internal parts.
- c) Special corrosion-resistant solder and corrosion-resistant metals.

**Does your proposal comply with this requirement?**

Yes  No

**Batteries**

10. Batteries shall meet the following requirements.

- a) Only Marine Grade Gel VRLA battery (ies) (valve-regulated lead-acid battery) shall be used.
- b) The battery (ies) must have stronger plates and separators to compensate for constant vibrations and for impacts caused by waves hitting the hull.

Battery type proposed: \_\_\_\_\_ VRLA \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No

**Hydraulic System**

11. All hydraulics components used shall be manufactured for use in a harsh marine environment. These components may include hydraulic hoses, fittings, pumps, control valves, etc. Proposer shall define in detail the materials used in construction of the hydraulic system of the proposed vessel.

**Does your proposal comply with this requirement?**

Yes  No

**Metals**

12. All metals shall meet the following requirements. Proposer shall define in detail the materials used in construction of the proposed vessel.

- a) Metals made up of alloys that do not corrode or resist corrosion.
- b) Metals that have been electroplated or dipped in a corrosion resistant material.
- c) Metals that are painted with special anti-rust or anti-corrosion coatings.
- d) Plastic coated metals.
- e) The proposed vessel shall be equipped with Cathodic protection to reduce the deterioration of metal exposed to an aqueous electrolyte. The proposed metal anode shall be designed for easy maintenance and replacement.

Hull shall be made from materials with the equivalent strength and corrosive resistance as 316 stainless steel hull of 11 gauge thickness.

Proposed hull material: 316L STAINLESS STEEL

Thickness: 11 GAUGE OUTSIDE SURFACE \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No

**Design**

13. The Proposer must provide proof of concept and demonstrate the functionality of the trash skimmer vessel being proposed.

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPECIFICATION No

**Operational Requirements**

14. The proposed vessel shall be able to be safely operated by a single operator to manage all functions of the debris skimmer without coming into direct contact with the refuse including self-loading and unloading via a powered system. Proposer shall define in detail the loading and unloading system characteristics of the proposed vessel.

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPECIFICATION No

**Range Requirement**

15. The proposed vessel shall be able to operate for a minimum of (8) eight continuous operational hours with a full load without the need to refuel or recharge.

Actual fuel/power usage per hour 2 GALLONS/HOUR NORMAL OPERATION \_\_\_\_\_

Actual number of operational hours with full load without the need to refuel or recharge 16 HOURS \_\_\_\_\_

Fuel type DIESEL Fuel Tank Capacity (gallons) 35 \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No

**Propulsion system requirements**

16. Proposers are encouraged to find the most effective, fuel efficient, low emission, and sustainable propulsion solution to properly power the trash skimmer vessel. Each proposer shall explain in detail the propulsion system and its capabilities.

Each propulsion unit must have the capability to be powered up and down over the waterline, allowing for easy clearing of debris from the props or jets in the event they become fouled  
Type of engine proposed \_\_\_\_\_

Number and horsepower of engines proposed\_\_ 1 ENGINE 67 HP DIESEL\_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPEC \_\_\_\_\_ No \_\_\_\_\_

**Material Handling Requirement**

17. Material handling system must be able to automatically load floating and semi-submerged debris, adjustable at a minimum to the waterline and to a maximum of the draft of the vessel. Vessel shall have the capability of collecting debris from an area wider than the vessel.

Maximum collection width\_\_ 10' 6" \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No \_\_\_\_\_

18. Maximum weight capacity of collection system must be provided in RFP

Actual weight capacity\_\_ 6,000 LBS \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPEC \_\_\_\_\_ No \_\_\_\_\_

19. Width of conveyor collection system shall be a minimum of 30 inches

Actual width \_\_\_\_\_ 48" \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No \_\_\_\_\_

20. Must be able to automatically offload collected debris from the hopper to a customer-provided container located a minimum of eight (8) feet beyond the outermost stern of the proposed vessel.

Actual offloading distance outermost stern of the vessel \_\_\_ 96" \_\_\_\_\_

Actual offloading height \_\_\_ 48" \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No \_\_\_\_\_

21. Shall have an easily removable eight (8) cubic yard, minimum 2,000 lb. capacity hopper using a customer-provided boom truck. Hopper shall have a minimum of four (4) lift points and an effective dumping mechanism. Hopper shall be ruggedized and designed to withstand stress associated with daily use. The hopper shall be designed to exceed the required lifting capacity.

Actual hopper volume capacity \_\_\_ 216 CU FT \_\_\_\_\_

Actual hopper weight capacity \_\_\_ 2,000 LB MINIMUM \_\_\_\_\_

**Does your proposal comply with this requirement?**

Yes  No \_\_\_\_\_

22. If the collection system requires additional motors, proposer shall separate fuel/energy source and must be specified. Each proposer shall explain in detail the collection system loading collecting and unloading capabilities.

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPEC \_\_\_ No \_\_\_\_\_

**Trailer**

23. Proposer shall furnish a trailer designed for use with the proposed trash skimmer vessel. Materials used to fabricate trailer shall meet the requirements set forth in this RFP. Trailer shall be fabricated with the appropriate length, width, deck height, skid guides, tongue weight, safety chains, axle capacity, carrying capacity, wheels, tires, springs, mechanical winch, jack, auxiliary brakes, spare tire & wheel; lighting shall conform to US DOT Code. Proposer shall define in detail the characteristics of the proposed trailer. Pricing for the trailer shall be listed separately

**Does your proposal comply with this requirement?**

Yes  SEE LONG FORM SPEC \_\_\_ No \_\_\_\_\_

**Delivery**

24. Delivery schedules that are submitted by the Proposer and agreed upon by the City shall automatically become binding upon the successful Proposer. Each proposer shall provide a delivery schedule with their response. Delivery schedule shall commence after receipt of notice to proceed. Notice to proceed will be via a City of Fort Lauderdale purchase order. Proposer understands that liquidated damages will accrue in the amount of \$250.00 per business day that the delivery of the completed vessel and trailer is delayed past the date proposed by the successful Proposer. The total amount of liquidated damages if any will be deducted from the total amount of purchase order.

State your Manufacturer and delivery time after receipt of notice to proceed: **READY FOR INLAND TRUCKING 240 DAYS AFTER RECEIPT OF PURCHASE ORDER/CONTRACT.**

**Does your proposal comply with this requirement?**

Yes  No

25. All Prices quoted shall be F.O.B. Destination, Freight prepaid (Seller pays and bears freight charges; seller owns goods in transit and files any claims).

Destination

City of Fort Lauderdale- Fleet Services  
1350 West Broward Blvd.  
Fort Lauderdale, Fl. 33312

**Does your proposal comply with this requirement?**

Yes  No

26. The successful Proposer is expected to provide a full demonstration of the vessel described in these specifications. Final acceptance is contingent upon the successful Proposer demonstrating that the materials used in the construction, and that the operational requirements comply with specifications.

**Does your proposal comply with this requirement?**

Yes  No

**Manuals**

27. Successful Proposer shall provide the following manuals. If literature is provided in electronic format only two copies are required:

**Trash Skimmer Vessel**

- a) Quantity 4- Operators Manual
- b) Quantity 3- Parts Manuals
- c) Quantity 3- Service Manuals
- d) As-built wire diagram/schematics

Successful Proposer should include in the Delivery Manual a certified weight scale receipt showing the final finished weight of the vessel and its "permanent" equipment as specified in this specification.

**Trailer**

- a) Quantity 2- Operators Manual
- b) Quantity 1- Parts Manuals
- c) Quantity 2- Service Manuals

**Does your proposal comply with this requirement?**

Yes  No

**Operator training**

28. The successful bidder agrees to provide operator training to City of Fort Lauderdale staff. The training will be provided by a competent trainer for activities to take place within the City of Fort Lauderdale. Training will be provided at no additional cost to the City. Successful Proposer maintains liability for trainer during the training phase.

Training plan shall include but not limited to:

- 1. General operations.
- 2. Safety practices.
- 3. Loading and unloading material.
- 4. Hopper handling.
- 5. Pre/Post trip inspections.
- 6. Maintenance requirements.

Minimum training requirements- four (4) training sessions, for City of Fort Lauderdale staff, of eight (8) hours each over a contiguous four (4) day span, and one (1) training session of eight

(8) hours, at a time to be determined by the City of Fort Lauderdale, no later than six (6) months after acceptance.

Does your proposal comply with this requirement?

Yes  No

**29. Warranty**

- 1. Proposer shall provide warranty statement for each major component of the proposed vessel. **Major components are described as propulsion systems, engines, motors, hull, loading and unloading system, etc.**
- 2. Proposer shall disclose if “onsite” service calls are included for warranty repairs.
- 3. Proposer shall include a mandatory, all-inclusive one (1) year warranty covering all parts and labor, said repairs to be available in Dade, Broward or Palm Beach Counties.

**4. Warranty Center**

Proposer shall list the location of authorized warranty center closest to:  
City of Fort Lauderdale, Broward County, Fl.

Company Name: Alpha Boats Unlimited

Address: 2517 State Route 31, Weedsport, NY 13166

Contact Name: Stephen L. Walczyk, President

Phone # \_315-834-6645

Engine Warranty: Yanmar Authorized Repair Service Center

There are 3 with Fort Lauderdale address. Yanmar shall provide information upon delivery of vessel with engine.

**Payment and Performance Bond:**

30. The Contractor shall within fifteen (15) working days after notification of award, furnish to the City a Payment and Performance Bond, in the amount of the proposed price as surety for faithful performance under the terms and conditions of the contract. Refer to Part II, Item 14 for further details.

Does your proposal comply with this requirement?

Yes  No  - SEE ADDENDUM NO. 1 – SECTION 2.22 MONETARY DEPOSIT BE MADE AS SURETY IN LIEU OF A PERFORMANCE BOND ACCEPTED

THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK

2.5

Section VII – Cost Proposal - REVISED

BARBER WELDING INC, dba ALPHA BOATS UNLIMITED

Proposer Name: \_\_\_\_\_

Proposer agrees to supply the products and services at the prices bid below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor must quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

Notes:

Pricing for the proposed vessel and trailer shall be listed separately.

1. Trash Skimmer Vessel – Model MC-702 \$ 247,600.00

2. Trailer - Tilt Deck Trailer TLI-600 see long form specification \$ 26,582.00

this includes extra skids on trailer so that the hopper that's in the vessel can also fit on the trailer and tilt with the trailer and slide down with the trailer over maybe bank for easily loading from the skimmer into the hopper which can now be slid back into road transportation mode. Now you can pull the trailer with the hopper on top of trailer to your choice of unloading site.

Total \$ 274,182.00  
(Two hundred seventy four thousand one hundred eighty two dollars and zero cents)

Options

Listed options shall be priced separately from base price.

3. Pilot House

Proposer to provide pricing for the option for an enclosed pilot house with ventilation and/or A/C., wipers, 12 volt outlets, (note: consider the vertical height requirement) Proposer shall describe in detail the pilot house being proposed.

3.1 Option Pricing – Pilot House with ventilation \$ 7,000.00

3.2 Option Pricing – Pilot House with A/C and ventilation \$ 10,500.00

2.5

**4. Water Cannon**

\$ 7,500.000

Proposer to provide pricing for the option for a water cannon with a pressure of a minimum of **80 PSI** and a maximum of **120 PSI** and to be discharged from an **1 1/2"** hose outlet or similar technology for the purpose of dislodging debris and floating it to a more accessible area. Water cannon shall be deck mounted on a swivel base adjustable at a minimum 180 degrees horizontally and 90 degrees vertically. Water cannon shall have an automatic starting system.

Actual water pressure 80-120 psi

Actual water volume: approx 150 gpm

**5. Solar Battery charger/conditioner**

\$ 200.00

**6. Extended warranty options**

Extended warranty for year 2 \$ 3,500.00\*

Extended warranty for year 3 \$ 8,000.00\*

Extended warranty for year 4 \$ 13,500.00\*

Extended warranty for year 5 \$ 19,500.00\*

**\*Per Alpha Boats warranty statement and maintenance schedule.**

Submitted by:

**STEPHEN L. WALCZYK**

Name (printed)



Signature

**JULY 8, 2015**

Date:

**PRESIDENT**

Title

**NON-COLLUSION STATEMENT:**

By signing this offer, the vendor/contractor certifies that this offer is made independently and free from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

- 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
- 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

<u>NAME</u>	<u>RELATIONSHIPS</u>
_____	_____
_____	_____
_____	_____
_____	_____

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(1) \_\_\_\_\_  
Business Name

is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) \_\_\_\_\_  
Business Name

is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(3) \_\_\_\_\_  
Business Name

requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(4) \_\_\_\_\_  
Business Name

requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) \_\_\_\_\_  
Business Name

is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

(6) BARBER WELDING INC.  
Business Name

BIDDER'S COMPANY: BARBER WELDING INC., dba Alpha Boats Unlimited

AUTHORIZED COMPANY PERSON: Stephen I. Walczyk      July 8, 2015  
NAME SIGNATURE DATE  
President

CONTRACT PAYMENT METHOD BY P-CARD

THIS FORM MUST BY SUBMITTED WITH YOUR RESPONSE

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

Payments will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of a contract.

Please indicate which credit card payment you prefer:

\_\_\_\_\_ MasterCard

X \_\_\_\_\_ Visa Card

Company Name: BARBER WELDING INC., dba Alpha Boats Unlimited

Stephen L. Walczyk

Name (printed)



Signature

July 8, 2015

Date:

President

Title



# CERTIFICATE OF LIABILITY INSURANCE

BARBE-1

OP ID: AF

2.9

DATE (MM/DD/YYYY)  
07/07/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Adams & Son, Inc. 44 South Street, P.O. Box 460 Auburn, NY 13021 Douglas K. Adams, CPCU		CONTACT NAME: PHONE (A/C, No. Exd): E-MAIL ADDRESS: FAX (A/C, No):	
INSURED Barber Welding, Inc. P.O. Box 690 Weedsport, NY 13166		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers P & C of America INSURER B: Travelers Indemnity Co. of Am. INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 36161 25666	

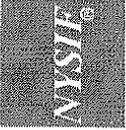
**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR LWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					
	X COMMERCIAL GENERAL LIABILITY	X	Z0112S72370	03/01/2015	03/01/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					
	GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/>					
B	AUTOMOBILE LIABILITY					
	X ANY AUTO ALL OWNED AUTOS		BA-2858N456	03/01/2015	03/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (PER ACCIDENT) \$ EACH OCCURRENCE \$ AGGREGATE \$
	X HIRED AUTOS					
	SCHEDULED AUTOS NON-OWNED AUTOS					
	UMBRELLA LIAB					
	EXCESS LIAB					
	DED <input type="checkbox"/> RETENTION \$					
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A				WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
Certificate Holder is Additional Insured regarding General Liability.

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
City of Fort Lauderdale Procurement Services Division 100 North Andrews Ave, Rm 619 Fort Lauderdale, FL 33301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE Douglas K. Adams, CPCU



# New York State Insurance Fund

*Workers' Compensation & Disability Benefits Specialists Since 1914*

199 CHURCH STREET, NEW YORK, N.Y. 10007-1100  
Phone: (888) 997-3863

## CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

\*\*\*\*\* 160919986

LOVELL SAFETY MGMT CO., LLC  
110 WILLIAM STREET 12TH FLR  
NEW YORK NY 10038

**POLICYHOLDER**

BARBER WELDING INC T/A  
ALPHA BOATS UNLIMITED  
P.O. BOX 690  
WEEDSPORT NY 13166

**CERTIFICATE HOLDER**

CITY OF FORT LAUDERDALE  
PROCUREMENT SERVICES DIVISION  
100 NORTH ANDREWS AVE, RM 619  
FORT LAUDERDALE FL 33301

POLICY NUMBER	CERTIFICATE NUMBER	PERIOD COVERED BY THIS CERTIFICATE	DATE
G2076 078-1	882241	04/01/2015 TO 04/01/2016	7/7/2015

THIS IS TO CERTIFY THAT THE POLICYHOLDER NAMED ABOVE IS INSURED WITH THE NEW YORK STATE INSURANCE FUND UNDER POLICY NO. 2076 078-1 UNTIL 04/01/2016, COVERING THE ENTIRE OBLIGATION OF THIS POLICYHOLDER FOR WORKERS' COMPENSATION UNDER THE NEW YORK WORKERS' COMPENSATION LAW WITH RESPECT TO ALL OPERATIONS IN THE STATE OF NEW YORK, EXCEPT AS INDICATED BELOW, AND, WITH RESPECT TO OPERATIONS OUTSIDE OF NEW YORK, TO THE POLICYHOLDER'S REGULAR NEW YORK STATE EMPLOYEES ONLY.

IF SAID POLICY IS CANCELLED, OR CHANGED PRIOR TO 04/01/2016 IN SUCH MANNER AS TO AFFECT THIS CERTIFICATE, 30 DAYS WRITTEN NOTICE OF SUCH CANCELLATION WILL BE GIVEN TO THE CERTIFICATE HOLDER ABOVE. NOTICE BY REGULAR MAIL SO ADDRESSED SHALL BE SUFFICIENT COMPLIANCE WITH THIS PROVISION. THE NEW YORK STATE INSURANCE FUND DOES NOT ASSUME ANY LIABILITY IN THE EVENT OF FAILURE TO GIVE SUCH NOTICE.

THE POLICY INCLUDES A WAIVER OF SUBROGATION ENDORSEMENT UNDER WHICH NYSIF AGREES TO WAIVE ITS RIGHT OF SUBROGATION TO BRING AN ACTION AGAINST THE CERTIFICATE HOLDER TO RECOVER AMOUNTS WE PAID IN WORKERS' COMPENSATION AND/OR MEDICAL BENEFITS TO OR ON BEHALF OF AN EMPLOYEE OF OUR INSURED IN THE EVENT THAT, PRIOR TO THE DATE OF THE ACCIDENT, THE CERTIFICATE HOLDER HAS ENTERED INTO A WRITTEN CONTRACT WITH OUR INSURED THAT REQUIRES THAT SUCH RIGHT OF SUBROGATION BE WAIVED.

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS NOR INSURANCE COVERAGE UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICY.

NEW YORK STATE INSURANCE FUND

DIRECTOR, INSURANCE FUND UNDERWRITING

COVER LETTER

TO: Registration Section  
Division of Corporations

BARBER WELDING INC.

SUBJECT: \_\_\_\_\_  
Name of corporation - must include suffix

Dear Sir or Madam:

The enclosed "Application by Foreign Corporation for Authorization to Transact Business in Florida," "Certificate of Existence," or "Certificate of Good Standing" and check are submitted to register the above referenced foreign corporation to transact business in Florida.

Please return all correspondence concerning this matter to the following:

STEPHEN L. WALCZYK

\_\_\_\_\_  
Name of Person

BARBER WELDING INC.

\_\_\_\_\_  
Firm/Company

PO BOX 690

\_\_\_\_\_  
Address

WEEDSPORT, NY 13166

\_\_\_\_\_  
City/State and Zip code

SLWALCZYK@BARBERWELDINGINC.COM

\_\_\_\_\_  
E-mail address: (to be used for future annual report notification)

For further information concerning this matter, please call:

STEPHEN L. WALCZYK

315

834-6645

at ( \_\_\_\_\_ )

\_\_\_\_\_  
Name of Person

Area Code

Daytime Telephone Number

**STREET/COURIER ADDRESS:**

Registration Section  
Division of Corporations  
Clifton Building  
2661 Executive Center Circle  
Tallahassee, FL 32301

**MAILING ADDRESS:**

Registration Section  
Division of Corporations  
P.O. Box 6327  
Tallahassee, FL 32314

Enclosed is a check for the following amount:

\$70.00 Filing Fee     \$78.75 Filing Fee & Certificate of Status

\$78.75 Filing Fee & Certified Copy

\$87.50 Filing Fee, Certificate of Status & Certified Copy



11. Names and business addresses of officers and/or directors:

**A. DIRECTORS**

Chairman: STEPHEN L. WALCZYK - SOLE SHAREHOLDER

Address: 2517 STATE ROUTE 31 W

WEEDSPORT, NY 13166

Vice Chairman:

Address:

Director:

Address:

Director:

Address:

**B. OFFICERS**

President: STEPHEN L. WALCZYK - SOLE SHAREHOLDER

Address: 2517 STATE ROUTE 31 W

WEEDSPORT, NY 13166

Vice President: STEPHEN L. WALCZYK

Address: 2517 STATE ROUTE 31 W

WEEDSPORT, NY 13166

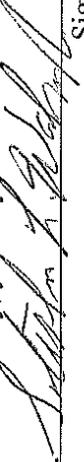
Secretary: STEPHEN L. WALCZYK

Address: 2517 STATE ROUTE 31 W, WEEDSPORT, NY 13166

Treasurer: STEPHEN L. WALCZYK

Address: 2517 STATE ROUTE 31 W, WEEDSPORT, NY 13166

**NOTE:** If necessary, you may attach an addendum to the application listing additional officers and/or directors.

12. 

Signature of Director or Officer

13. I, the officer or director signing this document (and who is listed in number 11 above) affirms that the facts stated herein are true and that he or she is aware that false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s.817.155, F.S.

STEPHEN L. WALCZYK, PRESIDENT / SOLE SHAREHOLDER / SOLE MEMBER OF BOARD OF DIRECTORS

(Typed or printed name and capacity of person signing application)

## **3.1**

# **BARBER WELDING INC dba ALPHA BOATS UNLIMITED SUPPORTING DOCUMENTATION**



# Alpha Boats Unlimited

*div. of Barber Welding, Inc.*

- Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

## FORT LAUDERDALE SPECIFICATIONS FOR TRASH/DEBRIS SKIMMER “MARINA CLEANER” BARGE PASS THROUGH VERSION MODEL MC-702

### Introduction

The specifications below are for a response skimmer vessel (boat) capable of retrieving floating debris and trash. The vessel may be operated in a highly corrosive salt laden environment; therefore the boat is equipped with Type 316L Stainless Steel collection wings and 316L Stainless conveyors.

Driving the boat with its skimmer head intake submerged into the materials performs the skimming operations. The forward motion of the boat as well as the inward travel of the skimmer head conveyor belts will deposit the recovered trash debris, and other various floating materials into the conveyORIZED storage hold. When the depth of the trash stack on the storage conveyor hold reaches its maximum height, the conveyor is moved rearward to make room for the next stack. This procedure is repeated until the storage hold is full. Once the storage conveyor is filled, the skimmer head is raised and the boat travels to shore to unload the debris. This can be accomplished by unloading the debris directly to the ground or indirectly using a shore or pier conveyor through the stern end of the storage conveyor.

The shore/pier conveyor units can then transfer the debris upward and further away from the boat. This debris can then be dropped off the conveyor on to the ground or into some type of storage container (truck or dumpster) for further disposal.

The boat is highly maneuverable by means of a dual thrust system and is equipped with power per specifications to perform all skimming, loading, unloading propulsion, and navigational functions. All operations and functions are controlled from an open operator's platform form the port side of the vessel.

The Marina Cleaner with (optional) enclosed cab and options can be moved or stored into a single road transportable package without major disassembly.

### 1.0 General

- 1.1 The overall dimensions of the boat are as follows:

Length:	Shipping	42' - 0"
	Operating	42' - 0"
Width:	Shipping	10' - 4"
	Operating (Standard)	10' - 4"
Height:	Shipping (maximum)	10' - 0" without options

The operating height does not include any options, i.e. cab, antennas, or added lighting options.

All dimensions, weights are net, not including options. Shipping height can be knocked down for export, consult factory.

- 1.2 The basic shipping weight of the skimmer boat shall be approximately 13,500 lbs dry.
- 1.3 The basic shipping weight of the skimmer boat with optional enclosed cab shall be approximately 14,000 lbs dry

## 2.0 Hull

2.1 Where applicable the vessel shall be constructed of 316L Stainless Steel and shall incorporated with 4 (Four) compartments, a deck, (with all stainless steel fixtures and fittings to safely attach the bolts superstructure and propulsion units). The hull sides are rib formed for rigidity. All sides, deck and bottom are reinforced with inner frame works. The bottom bow and stern ends shall be double reinforced for additional strength and exterior protection.

2.2 316L Stainless Steel 11 ga thick on outside of Hull, lifting points, tie downs and internal stainless steel can vary in thickness.

2.3 The mono-type vessel has 4 compartments with individual 2 (Two) inch NPT inspection ports (total of 8).

2.4 The hull material thickness is as follows:

Main Hull	11 GA external & 14 GA internal baffles
Bow & Stern	11 GA
Deck	11 GA

2.5 The deck is finished with anti-skid material in the personnel passage areas.

2.6 The overall dimensions per floatation vessel are:

Length	26' - 0"
Width	10' - 4"
Height	2' - 2"

The height does not include any skids, gunwales, or deck attachments.

## 3.0 Power Plant

3.1 The power plant is based on a minimum 67 HP Tier 4 Yanmar 4TNV98C-NSA liquid cooled fully enclosed engine and hydraulic pump. This includes an electric engine start and monitoring gauge package.

3.2 The diesel engine drives direct-mounted hydraulic pump, which transmit power to all functions on the boat.

- 3.3 The diesel engine is mounted to a base frame – isolated by vibration mounts on starboard side of vessel.
- 3.4 The engine is equipped with a 12 volt D.C. electric system supported by a marine grade VRLA battery
- 3.5 The power plant is housed in an engine enclosure constructed of aluminum. The enclosure is equipped with one access door. The engine shall be controlled and monitored from the control bridge.

#### 4.0 Control Bridge

- 4.1 The standard control bridge is an open area located on the port side of the vessel. With a vinyl covered, back supported ergonomic cushioned seat mounted with sliding adjustment.
- 4.2 The console shall contain the engine and hydraulic systems monitoring gauges including, engine start and stop switch, warning lights and throttle control are also mounted on the console. All engine gauges shall be illuminated, accept the hydraulic pressure gauge. Hydraulic gauge shall be liquid filled type.
- tachometer
  - hour - meter
  - engine oil pressure
  - engine temperature gauge
  - hydraulic system pressure gauge
  - volt meter gauge
  - 12 volt power supply
  - navigational lighting controls

All hydraulic controls are mounted within comfortable reach of the operator. Symbols and/or labels identify all control and gauges.

- 4.3 The (Optional) cab assembly shall be equipped with an operator's seat that is vinyl covered, back supported, ergonomic cushioned and mounted with sliding adjustment. Cab shall also include 1 (one) lockable rear door (with sliding safety glass window), front safety glass window equipped with a window wiper.

Other options can be added such as: air conditioning, heater, VHF ship to shore radio, antenna, fan, air horn air over electric, remotely controlled searchlight, a dome light that illuminates the interior of the cab,

All glass except front windshield shall be tinted to the following specifications:

UV Protection 99.9%  
Heat Rejection 58%  
Light Transmitted 81%

All glass shall be shatter proof.

## 5.0 Hydraulic System

- 5.1 The skimmer boat is outfitted with a pressure and flow compensated variable volume piston pump, one hydraulic reservoir.
- 5.2 The hydraulic pump is housed within engine aluminum enclosure for safety and added noise reduction.
- 5.3 The first direct acting hydraulic directional valves are committed to the hydraulic propellers, both wing swings', storage belt and head lift. The controls of the propeller are fully independent of each other. This system allows for the bi-directional propellers to be run at infinitely variable speeds from zero to maximum RPM with fingertip controls. Each hydraulic valve functions are to have their own independent flow control.
- 5.4 The second electrically acting hydraulic directional valves are committed to all other hydraulic functions. The standard functions are prop lifts, front conveyor tilt, front conveyor belting and wing belting. This system allows for the bi-directional control to be run at infinitely variable speeds from zero to maximum hydraulic settings, with fingertip controls. Each hydraulic valve functions are to have their own independent pressure compensated flow control.
- The functions include:
- a. All cylinder actuation, i.e.:
    - Trash skimmer wings/delivery booms
    - Skimmer head lift
    - Front conveyor tilt
    - Discharge conveyor lift
    - Propulsion unit's lift
  - b. All hydraulic conveyor motor drives, i.e.
    - Wing drives
    - Front conveyor drives
    - Storage conveyor drive
  - c. Prop drive units
- 5.5 Engine cooling fan is to also move air through this hydraulic cooling heat exchanger in conjunction with the engine radiator.
- 5.6 The hydraulic reservoir has a capacity of 35 US gallons. The hydraulic tank shall be lockable and the reservoir shall be equipped with the following components:
1. Level gauge
  2. Temperature gauge
  3. Drain
  4. Return Filter (10 Micron)

- 5.7 Hydraulic circuits are protected by pressure overrides. The each propeller motors shall be protected by cross over cushion (relief) valves.
- 5.8 All pressure hydraulic pipes are stainless steel. The hydraulic lines, fittings and adapters are of standard steel with cadmium (corrosion resistant coating) and wrapped with Denzel tape. Stainless Steel hydraulic fittings and adapters are to be used for the underwater condition.

## 6.0 Fuel System

- 6.1 A fix mounted stainless steel tank with top suction and top return fuel lines. Thirty (35) U.S. gallons mounted on the deck starboard side. This tank shall be made using 12 gauge type 316L stainless steel. A lockable filler/breather cap and mechanical fuel gauge are provided and labeled for diesel fuel

## 7.0 Propulsion System

- 7.1 The propulsion system shall consist of two bi-directional propellers. These propellers shall be hydraulically driven, independently controlled for direction and infinite variable speed from zero to maximum RPM.
- 7.2 The propulsion units shall be deployed with “over stern” mounting arms and equipped with a hydraulic power lift and manual tilt system.
- 7.3 The structural parts of the propulsion system (i.e., housing, hydraulic drop lines, hydraulic pipes, lines, fittings, and adapters) shall be a minimum of 300 series stainless steel.
- 7.4 Steering and maneuvering of the boat shall be accomplished by independently varying propeller speeds, as well as directions in unison or opposed to each other and shall allow the vessel to turn on its own radius. 360 degree continuous turns.
- 7.5 The propellers shall rotate in opposing directions when the boat is forward driven. Therefore the boat is equipped with one “left-hand” and one “right-hand” propeller. The propellers shall be heavy duty three blade versions with a minimum diameter of 18” and are made of bronze.
- 7.6 The propellers shall be directly mounted to marine grade stainless steel shafts. Shaft output horsepower rating shall be minimum of 50 HP (37 KW) each.
- 7.7 The patented fishing line cutter is to be installed for the population drive shaft?

## 8.0 Skimmer Head

- 8.1 The skimmer head shall consist of all structural metal to be type 316L. All bearings associated with moving components on the skimmer head and skimmer wings shall be manufactured of stainless steel (minimum 300 series).

- 8.2 The lift frame shall be welded 316L Stainless steel structure of sufficient strength to lower and raise the intake portion of the skimmer head into and out of the water. The average working depth of the skimmer head is 18" (46 cm), but it can be lowered to 24" (64cm) for occasional recovery of large objects. The skimmer head shall be equipped with a front conveyor positioning system for placing large recovered objects from the front conveyor into the storage hold. The intake minimum shall be 36" wide x 2'-10" high. When transferring the load from the front conveyor to the main storage conveyor belting can be lowered for heavy loads. (Dropping heavy objects from heights may damage belting or structural items.)
- 8.3 The belting shall slide on UHMW plastic wear strips to protect against belt wear. The skimmer head belting shall be Stainless Steel heavy duty flat wire mesh belt (1" x 1" square openings, 1/2" high, .062 thick (2.54mm x 2.54mm square openings, 1.27mm high, 1.6mm) thick ,no internal welds, gauge 6 connecting rods, and 1,350 lbs. /ft. of width tensile strength. Attached to the front conveyor belting only shall be cleats (flights) to avoid "roll back" of cylindrical objects during skimming operations.  
Flights on conveyor belting shall consist of:  
- Fabricated minimum 12 gauge (.26 cm) 316L stainless steel x 24 inches long, bolted to each conveyor belting using 4 stainless steel bolts.  
- Spacing maximum shall be 5 feet on each belt.
- 8.4 A 316L Stainless steel drive shaft shall be powered via a high torque hydraulic motor, connected to each other by a steel coupling system.
- 8.5 Belt adjustment shall be accomplished by means of a parallel tensioning frame at the drive end of the conveyor system for easy access. The 316L Stainless idler shaft remains in a fixed position, running underwater during skimming operations.
- 8.6 The skimmer wings shall be flexible angular extensions to the intake width of the front conveyor. When fully opened the skimmer head has an operating width of 10-6" feet. The skimmer wings shall be articulated independently by two hydraulic cylinders and when fully closed form a "point" forward of the front conveyor to facilitate the entrapment of illusive trash in tight quarters, around other boats, docks and near piers.
- 8.7 The standard skimmer wings are equipped with stainless steel belting to enhance lateral transfer of floating objects towards the front conveyor intake and inclining belt. A vertical in-feed drive at the aft end, as well as protective "bump rollers" on the front- outside is provided.
- 8.8 The wing conveyor frame shall be equipped with a hydraulic belt drive motor, coupling system, bearings, 316L Stainless drive shaft, 316L Stainless idler shaft, a stainless tensioning device, UHMW plastic wear strips on all belt tracks and guides.
- 8.8 Discharge height above water with empty boat shall be no less than 63 inches high.

## 9.0 Storage Conveyor

- 9.1 The (316L Stainless sheet metal and tubing) storage conveyor system shall consist of two sections: (a) the front conveyor section which is part of the skimmer head and (b) the rear / or main conveyor frame.

- 9.2 The discharge conveyor shall extend a minimum of 8 feet beyond the barge stern and be capable of rising to unload. Raising and lowering the conveyor shall be accomplished by means of two double acting hydraulic cylinders.
- 9.3 The storage conveyor system shall be equipped with the same type of conveyor belts, drives, hydraulic motors UHMW wear strips, and belt tensioning system as described in the "Skimmer Head" section.
- 9.4 The top layer of the storage conveyor belt shall be supported by rib formed metal floor sections which again hold the wear strips. These floors shall be mechanically fastened onto the conveyor frame for easier replacements and repair.
- 9.5 The belting shall slide on UHMW plastic wear strips to protect against belt wear. The storage conveyor belting shall be Stainless Steel heavy duty flat wire mesh belt (1" x 1" square openings, ½" high, .062 thick material with square openings, no internal welds, gauge 6 connecting rods, and 1,350 lbs./ft of width tensile strength).
- 9.6 The conveyor belting shall move forward and backwards during loading and unloading by means of a hydraulic motor, sliding on UHMW plastic on stainless steel framework.
- 9.7 The front and main conveyor frames shall have a separate conveyor belting systems.
- 9.8 The maximum trash load capacity is: 6,000 lb. with weight uniformly distributed in the main conveyor or 380 cubic feet (354' x 62' x 30'/1728") by volume evenly distributed directly above the hull area in main storage conveyor. This load shall have the capability to be discharged within 90 seconds.

## 10.0 Hydraulic Cylinders

- 10.1 Hydraulic cylinders shall be dual acting steel cylinders with chrome plated cylinder Rods.

## 11.0 Fasteners

- 11.1 All standard fasteners on components such as engines, hydraulic components, etc. are those supplied by their manufacturer. Standard fasteners, i.e. nuts, bolts, screws, washers, pins, pop rivets, etc are made of 18-8 stainless where applicable. Plated steel fasteners may be used where strength is an issue.

## 12.0 Anodes

- 12.1 Eight (8) anode brackets shall be installed on the hull with 6" x6" x ½" anodes pre mounted. This is all done prior to application of anti-foul paint by customer if applicable. If customer applies anti-foul coating then customer shall clean anode brackets and mount all 16 anodes after anti-foul coating.

## 13.0 Protective Finish

- 13.1 All steel parts of the boat, super-structure, propulsion units, and skimmer head are coated with a protective finish.

13.2 The standard color combination of the harvester is as follows if applicable:

- |                 |  |
|-----------------|--|
| Stainless Steel | Spray on Stainless Steel coating (no color change) |
| Aluminum        | Spray on Aluminum coating (no color change)        |
| Railings        | Safety Orange                                      |
| Deck Grating    | Galvanized Deck Grading                            |

13.3 The paintable coating system consists of a primer, a finish.

13.4 Stainless Steel Hull:

Welds are to be passivated and all flat areas of sheet metal and then coated with surface protector.

13.5 Anti-foul coatings shall be purchased and applied by customer per coating specifications.

**14.0 OTHER**

14.1 Operator, Parts, Service Manuals

14.2 Training

14.3 Warranty – per company statement

**15.0 ADDITIONAL OPTIONS AVAILABLE BELOW:**

**16.0 STANDARD TOOL KIT:**

- One (1) of each
- Tool Box
- SAE Combination Wrench Set 3/8” to 1 1/4”
- Metric Combination Wrench Set 10 mm to 19 mm
- Socket Set 1/2” drive 7/16” to 1 1/8” includes ratchet
- 12” Adjustable Wrench
- 6” Needle Nose Pliers
- 24 oz Ball Pein Hammer
- 12” Channel Lock (style) Pliers
- 10” Vise Grip (style)
- Metric Allen (style) Wrench Set
- SAE Allen (style) Wrench Set
- Side Cutters
- Pry Bar 16”
- 18” Bolt Cutters
- Grease Gun w/ Cartridge
- Screwdriver Set 8pc includes Phillips and Slotted
- Flashlight

17.0

STANDARD SPARE PARTS PACKAGE:

- 4 Stainless Steel 2 bolt Flange Mount Bearings
- 5 ft 18" Heavy Duty Stainless Steel Wing Conveyor Belting
- 10 18" Heavy Duty Stainless Steel Wing Conveyor Belt Connecting Rods
- 5 ft 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belting
- 10 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belt Connecting Rods
- 2 Hydraulic Oil Filter Element
- 2 Engine Oil Filter Element
- 2 Diesel Fuel Filter Element
- 2 Engine Air Filter Element
- 20 Zip Ties / Cable Ties
- 1 Roll of Electrical Tape

Extra Pricing: \$ 1,682.00

18.0

INTERMEDIATE SPARE PARTS PACKAGE:

- 10 Stainless Steel 2 bolt Flange Mount Bearings for wings
- 4 Stainless Steel Pillow Block Bearing for Intake idler shaft
- 30 ft 18" Heavy Duty Stainless Steel Wing Conveyor Belting
- 30 18" Heavy Duty Stainless Steel Wing Conveyor Belt Connecting Rods
- 30 ft 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belting
- 30 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belt Connecting Rods
- 20 Storage and Rear Conveyor Belt Connecting Rods
- 4 Hydraulic Oil Filter Element
- 4 Engine Oil Filter Element
- 4 Diesel Fuel Filter Element
- 4 Engine Air Filter Element
- 50 Zip Ties / Cable Ties
- 2 Roll of Electrical Tape
- 1 set Spare propeller (1) port side (1) starboard side with lock nuts and pin.

Extra Pricing: \$ 4,666.00

19.0

DELUXE SPARE PARTS PACKAGE:

- 16 Stainless Steel 2 bolt Flange Mount Bearings for wings
- 4 Stainless Steel Pillow Block Bearing for Intake idler shaft
- 60 ft 18" Heavy Duty Stainless Steel Wing Conveyor Belting
- 60 18" Heavy Duty Stainless Steel Wing Conveyor Belt Connecting Rods
- 60 ft 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belting
- 60 24" Heavy Duty Stainless Steel Storage / Rear Conveyor Belt Connecting Rods
- 8 Hydraulic Oil Filter Element
- 8 Engine Oil Filter Element
- 8 Diesel Fuel Filter Element
- 8 Engine Air Filter Element
- 50 Zip Ties / Cable Ties
- 4 Roll of Electrical Tape
- 2 set Spare propeller (1) port side (1) starboard side with lock nuts and pin.

- 1 Control Panel
  - 1 set Standard steel hydraulic cylinders
  - 1 Electric starter for engine
  - 1 kit Miscellaneous package of bolts
  - 1 kit Miscellaneous package of spare hydraulic hoses consisting of a set of propeller hoses that are in the water (4) hoses, set hoses for wing swing and wing motors.
  - 2 Propeller motor assembly (hydraulic motor and bearing box)
  - 2 Hydraulic motors for wings with sprockets and adapters
- Extra Pricing: \$ 17,890.00

**20.0**

**STANDARD SAFETY KIT:**

- Two (2) 2 ½ pound ABS Fire Extinguisher
- One (1) Adult-size U.S. Coast Guard approved life vest.
- One (1) Throwable type IV device and 25 feet of throw line.
- One (1) Horn (Disposable can of air type)

Warning labels are mounted in areas where caution should be observed.

Extra Pricing: \$ 160.00

**OR**

**21.0**

**DELUXE SAFETY KIT:**

- Two (2) 2 ½ pound ABS Fire Extinguisher
- One (1) Adult-size U.S. Coast Guard approved life vest.
- One (1) Throwable type IV device and 25 feet of throw line.
- One (1) Horn (Disposable can of air type)
- One (1) 12 volt DC electric horn
- One (1) Distress flag
- One (1) First Aid Kit
- Two (2) ½" x 20' dock lines
- One (1) 3/16" x 25' throw line
- One (1) 22# hooker type galvanized anchor
- One (1) 3/8" x 50' anchor line with thimble
- Two (2) 8 ½" x 27" dock fenders
- Two (2) Fender lines

Warning labels are mounted in areas where caution should be observed.

Extra Pricing: \$ 833.00

**22.0**

**CABIN:**

Cab assembly shall be equipped with an operator's seat that is vinyl covered, back supported, ergonomic cushioned and mounted with sliding adjustment. Cab shall also include 1 (One) lockable rear door (with sliding safety glass window), a dome light that illuminates the interior of the cab, front safety glass window equipped with a window wiper. All glass except front windshield shall be tinted to the following specifications:

- UV Protection 99.9%
- Heat Rejection 58%
- Light Transmitted 81%

All glass shall be shatter proof.

**With ventilation OR with AC and ventilation**

**PRICE NOTED IN COST PROPOSAL**

**23.0****CANVAS ENCLOSURE FOR ALUMINUM SUN/RAIN ROOF:**

Canvas enclosure surrounds the operators sun/rain roof with windows (plastic) that can be opened for ventilation.

Extra Pricing: \$ 1,400.00

**24.0****NIGHT WORKING LIGHTS:**

Two (2) lights located facing forward with their own switch.  
One (1) light located facing rearward with its own switch.

Extra Pricing: \$ 345.00

**25.0****ALPHA BOATS STANDARD WASHDOWN SYSTEM:**

**shall consist of:**

Hydraulically driven water pump.

Hydraulic Control Valve (This is to turn on hydraulic driven water pump)

Non-Corrosive Strainer

Brass/Rubber Triggered Spray Nozzle or Fabricated plastic wand if customer requests.  
¾ inch. (1.9 cm) I.D. Pressure Hose at 30 ft. (9.1 M) long

Hose Holder

Pump Mounting Base

Extra Pricing: \$ 4,460.00

**26.0****REMOTE GREASE/LUBRICATION LINE:**

Purpose for the remote grease/lubrication lines shall be for helping with ergonomics and efficiency. Some bearings may be difficult to lubricate while harvester is floating in the water.

Lubrication lines run from the lower front intake conveyor bearings going toward the top of the intake conveyor drive shaft shall be installed. These lines are for ease of lubricating (greasing) the lower bearings.

Extra Pricing: \$ 260.00

**27.0****OPTIONAL STAINLESS FITTINGS AND ADAPTERS:**

Stainless Steel Hydraulic fittings and Hydraulic adapters can be supplied. Various type of stainless steel can be supplied depending on customer specifications and requirements.

Extra Pricing: \$ 9,700.00

**28.0****OTHER Optional items which can be provided during construction:**

Hand held Spot Light,

Extra Pricing: \$ 30.00

Remotely controlled Searchlight

Extra Pricing: \$ 600.00

Air over electric horn

Extra Pricing: \$ 1,100.00

Extra 12 volt supply plug

Extra Pricing: \$ 85.00



## ALPHA BOATS UNLIMITED

div. of Barber Welding, Inc.

2517 State Route 31 – P.O. Box 690, Weedsport, NY 13166 USA

1-877-627-3084 -- Tel: 1-315-834-6648 -- Fax: 1-315-834-6045

email: info @alphaboats.com www.alphaboats.com

### SPECIFICATIONS FOR TILT DECK TRAILER for MC-702

#### MODEL TLT-600a

##### A. General

This Tilt Deck Trailer is specifically designed to mobilize the Model FX-7 aquatic weed harvester. The basic trailer structure consists of two (2) frames: The deck frame and the draw frame. These two frames are connected to each other via a pinned pivot point, two hydraulic cylinders and two locking pins. With the trailer hitched to its towing unit by removing the locking pins and by extending the hydraulic cylinders under power the trailer deck can be tilted up to assist in the launching in and retrieval of the harvester from the water with the use of a hydraulic winch. The harvester slides on 4" wide UHMW plastic. A walkway using galvanized Grip Strut (for foot traction) is also supplied which is mounted on top of deck frame for the purpose of a person to safely walk down the deck to fasten or unfasten the winch hook to the harvester. The width of the Grip Strut is 18 ¾" wide and a minimum of 22 feet long. The trailer to be supplied is new and meets the following specifications:

##### B. Dimensions

Length (maximum)	47' – 1"
Width	8' – 6"
Height	4' – 8"
Deck Height	2' – 11"
Deck Length (maximum)	34' – 0"

##### C. Weights

Weight (net)	5,200 lbs
Cargo Capacity	18,300 lbs

**D. Frames**

Both the main frame and draw frame are manufactured using W 14 x 22 wide flanged structural steel beams. Cross members is C 6 x 11.5 structural channels plus other structural tubes.

**E. Running Gear (Axles)**

This consists of Three (3) axles with a capacity of 7,000 lbs each to a total of 21,000 lbs. The brakes, Two (2) per axle, for a total of 6 are actuated electrically (12 volt DC) from the pulling truck.

**F. Hitch**

The standard trailer is equipped with an adjustable pintle eye type hitch (rated at 15 tons). The hitch height can be adjusted from 21” and up to 32” high. The hitch also incorporates two safety chains and a 12,000 lb capacity “Jack” with spring loaded drop leg.

**G. Lighting & Markings**

The trailer is equipped with all necessary amber and red lighting for night driving, reflectors, as well as stop and turn signal lights. A removable plastic light bar is mounted to the back of the trailer. This light bar should be to be removed during launching, retrieving, loading and unloading operations. This avoids short circuits and damage to the rear lighting during those operations. The sides of the trailer and the light-bar are highlighted with 2 inch wide red and silver reflective conspicuity tapes. USA DOT approved.

**H. Winch**

The trailer is furnished with a 12,000 hydraulically powered winch for the reloading of the harvester onto the trailer deck. The winch is controlled by a hydraulic directional valve for pull in and feed-out of the cable. Additionally the cable can be free wheeled out without a load. The cable size is 3/8” diameter x 100 ft. long. Cable has a safety hook attached at the end for connection to the barge.

**I. Hydraulic Power**

For ease of servicing and protection, the engine is mounted on a frame complete with hydraulic tank, hydraulic pump, hydraulic filter, fuel tank and battery. A two-section hydraulic valve is mounted at the front of the trailer draw frame. This valve is equipped with a pressure relief valve to prevent overloading. Hydraulic power is used to tilt the tilt deck trailer using its hydraulic cylinders. Hydraulic power is also used for the hydraulic winch. Hydraulic power is provided by a 14 hp gas electric start engine with an emergency pull rope type starter. The hydraulic oil pump is 7 gallons/minute flow at 2,000 psi. The hydraulic reservoir is steel construction and has a minimum capacity of 10 U.S. gallons and will include a, bottom drain plug

with a magnetic particle collector, 10 micron return filter. Hydraulic oil is environmentally safe type recommended by hydraulic component manufacturers, of correct viscosity for outside operating temperature.

#### **J. Finish**

**PREPARATION & FINISH:** All weldment and fabricated parts are thoroughly cleaned to remove all grease, oil and foreign material. Weld spatter, slag, flux, rust and corrosion is removed. All carbon steel surfaces are be abrasive blasted and primed with Dura-Plate\* 235 Epoxy. All surfaces are finish coated with submersion Acrolon\* 218 HS Acrylic Polyurethane paint. No exceptions to this paint specification are allowed.

\*manufactured by The Sherwin Williams Company-Industrial Marine Coatings.

**COLOR:** Standard Manufacturer color is Safety Orange.

Suspension components, hydraulic components, aluminum, engine, grip strut fasteners, and similar parts are exempt from this Finish.

#### **K. Fasteners**

Fasteners on components such as engines, hydraulic components, etc. are those supplied by their manufacturer. Standard fasteners, i.e. nuts, bolts, screws, washers, pins, pop rivets, etc are made of 18-8 stainless where applicable. Steel fasteners can be used where strength is needed.

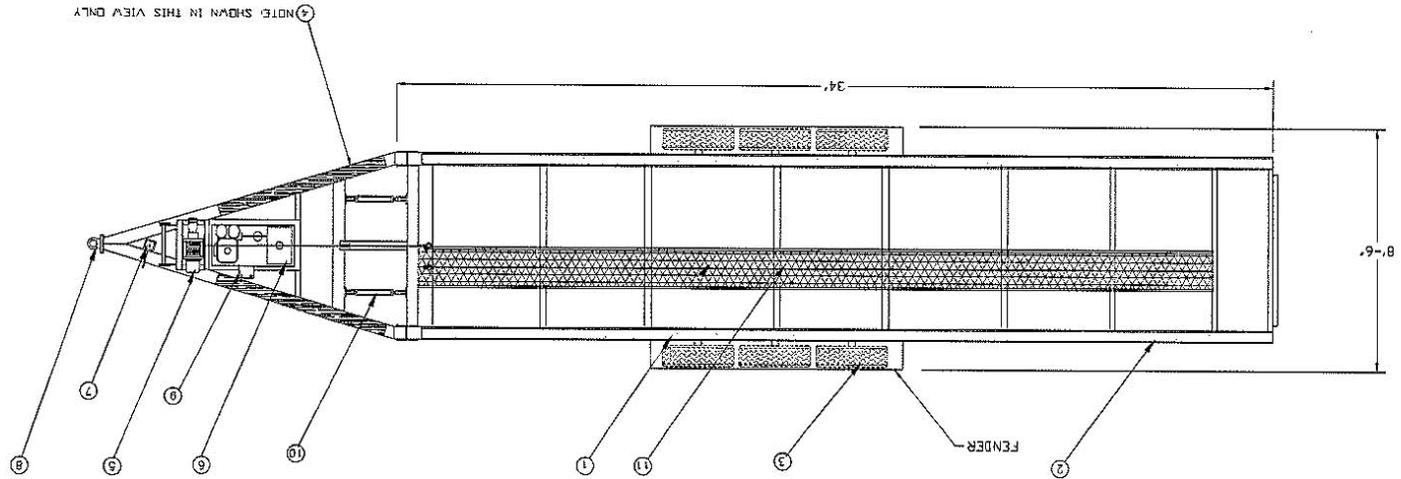
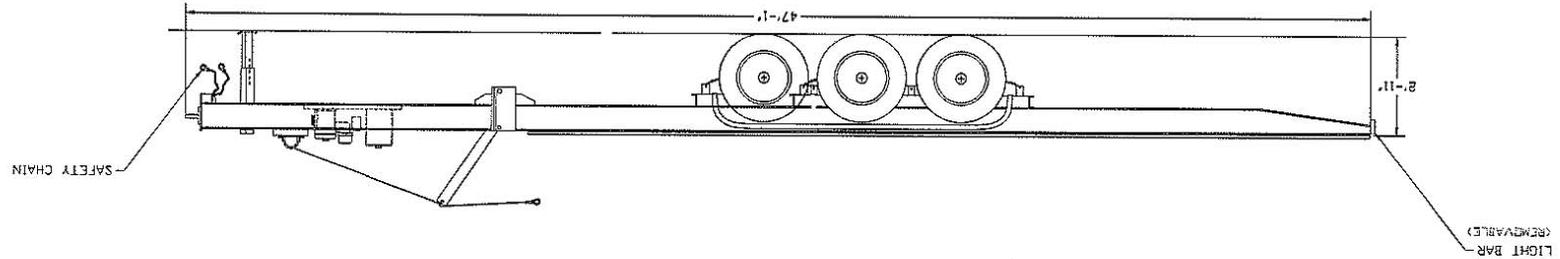
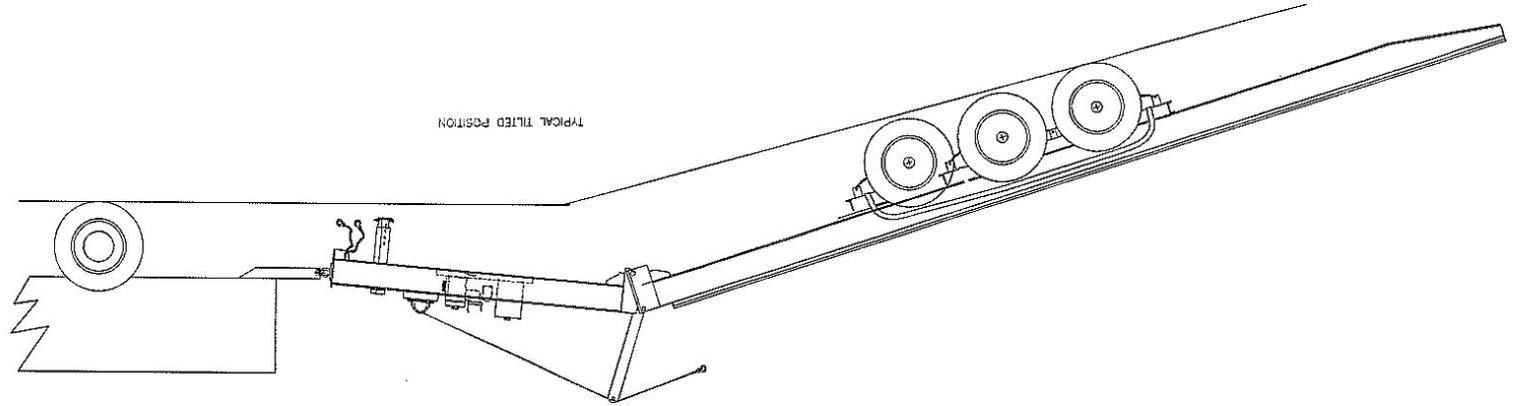
#### **L. Options (for extra money)**

- 1) Snatch Block
- 2) Mounted Spare Tire
- 3) Loose Spare Tire
- 4) Special Color
- 5) Recommended Spare Parts-Pins, 2 hydraulic filters, 2 air filters, 2 pre air filters, 2 fuel filters, 6 quarts of SAE 30 oil, and/or whatever the customer may request.
- 6) Additional spare parts can be supplied per customer request, i.e. lights, light bulbs, pins, conspicuity tape, lug nuts, oil, hydraulic cylinder, paint, extra electric connector for light bar, 2 side clearance lights, anti slip self-adhesive tape (33 ft roll), LED lights, extra safety stickers.

\*All dimensions & weights are net, not including options. All specifications are subject to change without notice.



DATE	11/2/2010	REVISED	DATE	11/2/2010
BY	HFC	DATE	11/2/2010	REVISED
PROJECT	D-0113	DATE	11/2/2010	REVISED
TILT & LOAD TRAILERS FOR HARVESTER & SKINNER BOATS				
TLT600				
Alpha Boats Unlimited a div. of Barber Velding Inc. Weedsport, NY				



3.3

PARTS LIST

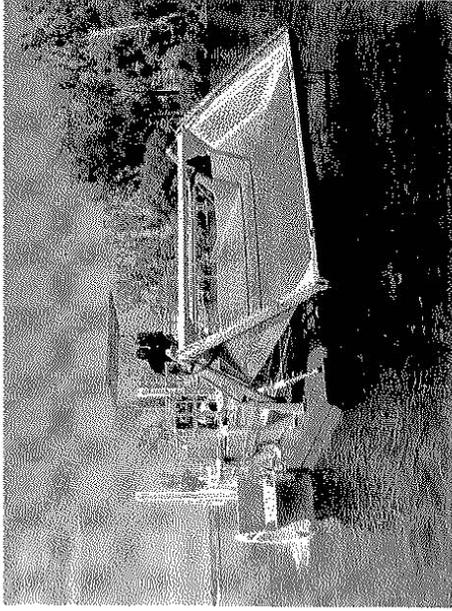
ITEM NO.	DESCRIPTION	QTY	WGT
1	TRAILER FRAME	1	
2	SKID GLIDE	2	
3	AXLE W/SHOCK	3	
4	HARV. HEAD REST	4	
5	WHEEL	6	
6	LOWER JACK (OPTIONAL)	6	
7	UPPER JACK	7	
8	TOWING EYE	8	
9	CONTROL	9	
10	HYD. CYLINDER	10	
11	GRIP STRUT WALKWAY	11	



# Alpha Boats Unlimited

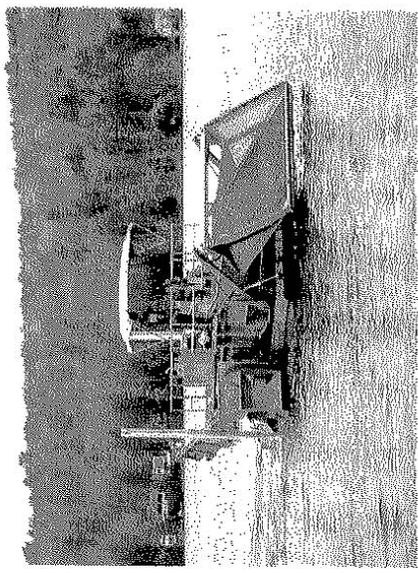
◆ Weed Harvesters ◆ Trash/Debris Skimmers ◆ Crane Boats ◆ Transport Barges ◆ Support Equipment

## Water Management Systems



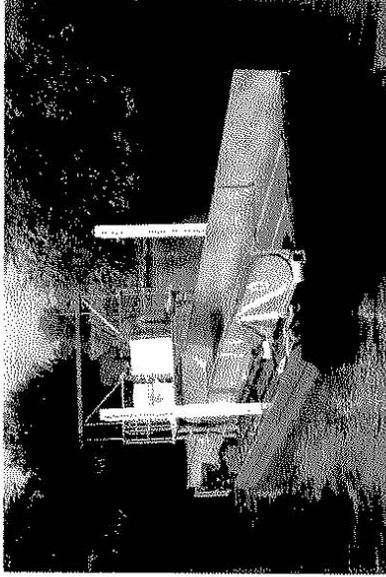
*Aquatic  
Weed  
Harvesters*

*Series  
FX  
SR*

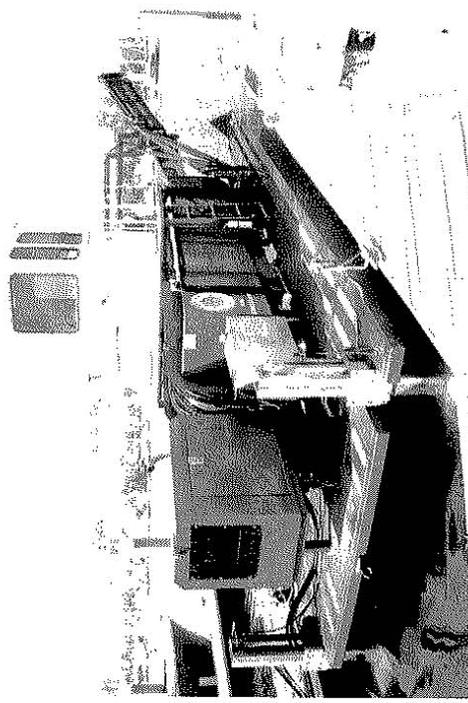
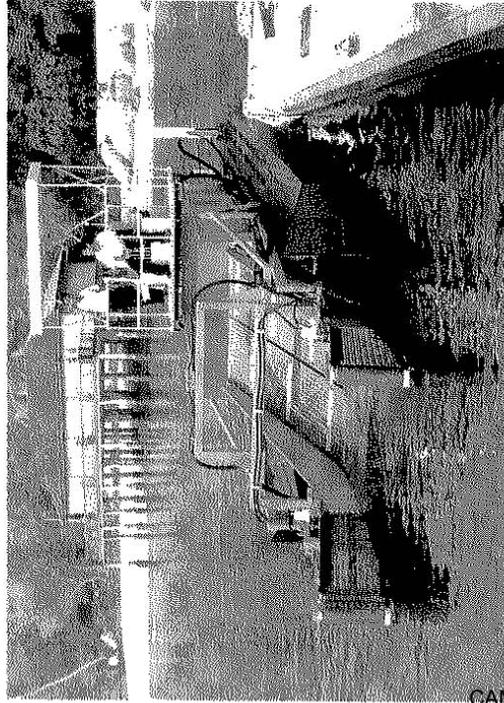


*TS Series  
Aquatic Transport  
Vessels*

*Ideal Go-Betweens  
For Aquatic  
Operations*

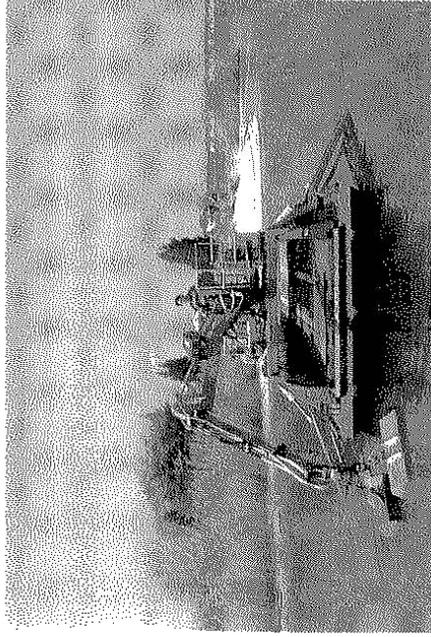


*Environmentally  
“Green”  
Components  
Biodiesel (B5-B20)  
Hydraulic Fluid*

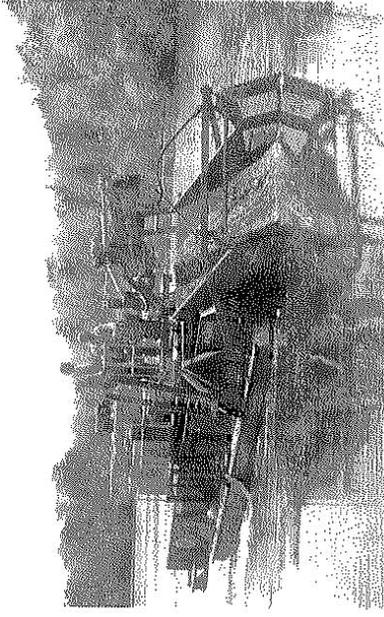


*Marina Cleaner Series – Trash/Debris Skimmer Vessels*

*Innovative Thinking  
For Clean Waterways Count on Alpha Boats!  
Customer Focused*



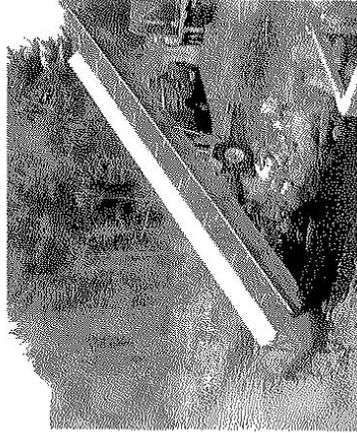
**Dredging Clam Shell**



**Aquatic Weed Harvesting Head**

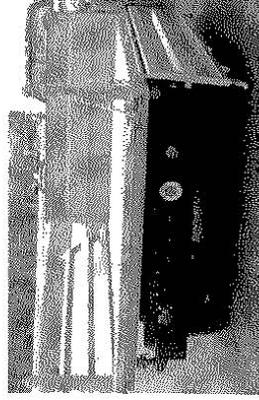
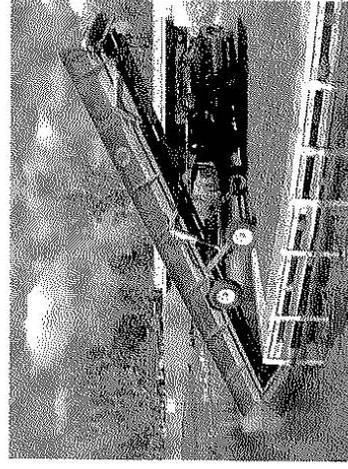
**AM 2000 "Hydro-Mate"**

**Universal Water Management Boat**

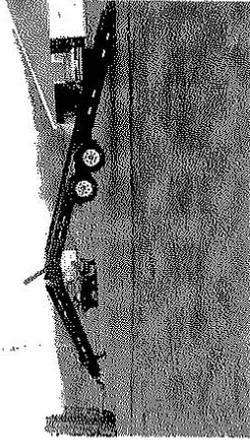


**SL Series  
Shore/Pier Conveyors**

**Speedy Mobilization  
"One-Step" Positioning**



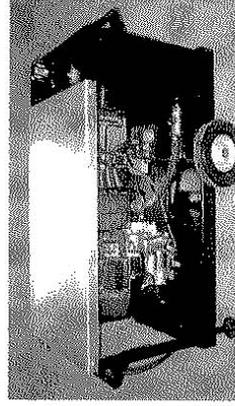
**3-Way Tipping Trailer  
Dumps Left/Right/Rear**



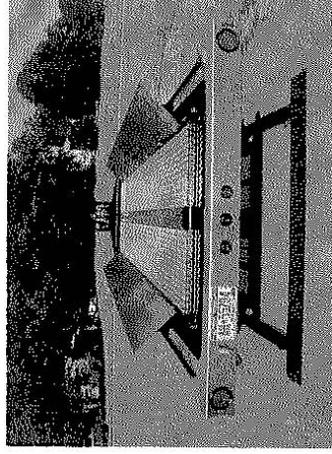
**TLT-Series  
Tilt Deck Trailers  
Combination  
Trailer-Conveyor**



**A Q U A R A K E**



**P O W E R P A C K**



Original Equipment Manufacturers

Prevention is the most cost effective maintenance program -- Don't be caught without your paddles!  
We provide reconditioning, upgrades, repairs and spare parts for a variety of equipment to suit your  
specific water management needs. Used equipment may be available -- contact us for further information.

**Alpha Boats Unlimited, div. of Barber Welding Inc.**

2517 State Route 31 W. - P.O. Box 690, Weedsport, NY 13166 - USA

Ph: 315-834-6645 ext 140

Fax: 315-834-6045

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Email Us At: [info@alphaboats.com](mailto:info@alphaboats.com)

MINUTES OF JOINT MEETING  
OF  
SOLE SHAREHOLDER AND  
SOLE MEMBER OF THE BOARD OF DIRECTORS  
OF  
BARBER WELDNG, INC.

DECEMBER 23, 2014

A meeting of the sole shareholder and sole member of the Board of Directors of Barber Welding, Inc. was held by Stephen L. Walczyk, sole shareholder and sole director, with Karen Nadherny, EA accountant for the corporation, at the accounting office of Karen Nadherny' in Auburn, New York on Tuesday, December 23, 2014.

**QUORUM:** A quorum was declared present based on the presence of the following Director: Stephen L. Walczyk.

The following corporate actions were taken by appropriate motions duly made, and adopted by majority vote of the Director entitled to vote.

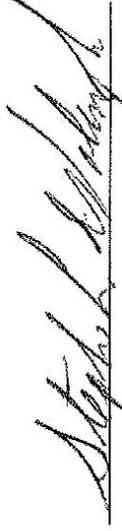
**ELECTION OF DIRECTOR:** Stephen L. Walczyk was re-elected as sole member of the Board of Directors and he is to serve until further action of the corporation declaring otherwise as stated in the bylaws and Articles of Incorporation.

**ELECTION OF OFFICER:** Stephen L. Walczyk was re-elected to the position of President, Secretary and Treasurer of Barber Welding, Inc. and he is to hold said offices until otherwise directed by the Board of Directors of the corporation as stated in the bylaws and Articles of Incorporation.

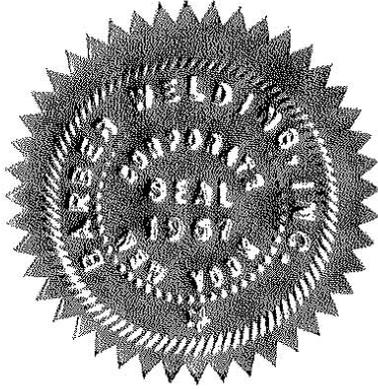
**FINANCIAL REPORT:** Karen M. Nadherny, EA, Accountant for the S-Corporation, discussed the financial status of the S-Corporation to date and Alpha Boats Unlimited (a division of Barber Welding, Inc.)

**GENERAL DISCUSSION:** All acts and decisions of the officer during the previous year are affirmed. There was general discussion regarding the filing of Federal and NYS corporate taxes. There being no further business, the meeting was adjourned at 3:30 P.M.

Dated: December 23, 2014



Stephen L. Walczyk  
Sole Shareholder  
Sole Member of Board of Directors





- Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

## Alpha Boats Unlimited Standard Warranty

1. **Applicability:** This Standard Warranty is provided by Alpha Boats Unlimited ("ABU") for all items manufactured by ABU and provided to Customer (the "Equipment") under the Agreement to which this Warranty is attached (the "Agreement"). No other warranty terms apply and the provisions of this Warranty hereby replace and supersede any additional or conflicting warranty terms. The term "Customer" refers to the purchaser of the Equipment provided under the Agreement. This Warranty may not be assigned and no third party may claim the benefit of these provisions.
2. **Express Warranty:** ABU warrants for one (1) year after shipment of new Equipment manufactured by ABU, that the material and workmanship of such equipment were free from defects at the time of shipment. If at any time during such one (1) year period it is established to ABU's satisfaction that any part or parts were defective at the time they were shipped, ABU will either deliver replacement parts, make repairs or pay for repairs, at ABU's option. ABU will make no allowances for corrective work done unless specifically agreed to by ABU in writing.
3. **Warranty of Equipment Manufactured by Others:** Equipment furnished but not manufactured by ABU is not covered by this Warranty and the rights and remedies of Customer are limited to the extent of express warranties of the manufacturers. Upon request of Customer, ABU will request the assignment of benefits of such warranties to Customer.
4. **Exclusions.** This Warranty shall not apply to, and Customer shall have no remedy for, any failure or damage resulting from excessive wear, misuse, improper use or use not in accordance with operation or instruction manuals, negligent operation, accident, failure to properly maintain, unauthorized repair or alteration, or overloading; deterioration by chemical action; wear caused by the presence of abrasive materials; integration with other products or accessories not manufactured specifically for use of product, exposure to corrosive elements, exposure to conditions in excessive weather conditions, product upgrades, and normal wear of items cutters, belting, cleats, filters. This Warranty does not cover any consumable items such as fuels or fluids.
5. **Warranty Claims.** In the event Customer has a claim under this Standard Warranty, Customer shall submit a warranty claim to ABU at the address provide in the Agreement. Such claim shall include specific details as to the nature of the claim and an explanation as to why Customer considers the component or item defective. ABU shall review all such claims and advise Customer as to whether the item is defective and if so, what action ABU intends to take to remedy the defect.
6. **Limitation of Remedies** the Remedies provided in Paragraph 2 of this Standard Warranty are the sole and exclusive remedy of Customer for any warranty claims on the Equipment. In no event shall ABU be liable for any direct, indirect, special incidental or consequential damages (including loss of profits, loss of time, inconvenience, or the use or inability to use this product for any purpose whatsoever whether based on contract, tort, strict liability or any other legal basis, even if ABU was advised of the possibility of the occurrence of such damages). **ANY OTHER WARRANTIES OR REMEDIES, EXPRESS OR IMPLIED, UNDER APPLICABLE LAW, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HERE BY DISCLAIMED.**  
**Limitation of Liability and Release.** The Customer expressly releases and discharges ABU from all claims, demands, actions, suits, judgments and executions for any actual, incidental or consequential damages, bodily or otherwise, that the Customer ever had, now has or may have created by arising out of the assembly, use and/or operation of Equipment provided by ABU. All reference to Customer shall be deemed to include such parties' legal representatives and assigns.

## YANMAR LIMITED WARRANTY

# INDUSTRIAL ENGINES and GENERATORS

### What is Covered by this Warranty?

Yanmar warrants to the original retail purchaser that a new Yanmar Diesel Industrial Engine and/or Yanmar Diesel Generator will be free from defects in material and/or workmanship for the duration of the warranty period.

**Note:** Yanmar engines may be equipped with external components including, but not limited to; wiring harnesses, electrical devices, control panels, radiators, air filters, fuel filters, and/or exhaust systems that are supplied and/or installed by manufacturers other than Yanmar. For warranty information on such non-Yanmar components, please contact the machine or component manufacturer directly or see your authorized Yanmar dealer or distributor.

THIS WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. YANMAR SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, except where such disclaimer is prohibited by law. IF SUCH DISCLAIMER IS PROHIBITED BY LAW, THEN IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY.

### How Long is the Warranty Period?

The standard Yanmar limited warranty period extends for a period of **twenty-four (24) months or two-thousand (2000) engine operation hours**, whichever occurs first. For TNV Series Industrial Engines only, an extended limited warranty period of thirty-six (36) months or three thousand (3000) engine operating hours, whichever occurs first, is provided for these specific parts only: The cylinder block, cylinder head, crankshaft, connecting rods, flywheel, flywheel housing, camshaft, timing gears, and gear case. The warranty period for both the standard limited warranty and the extended limited warranty (by duration or operation hours) begins on the date of delivery of the Yanmar product to the original retail purchaser and is valid until the applicable warranty period has expired or the operation hours are exceeded, whichever occurs first.

### What the Yanmar Owner Must Do:

If you believe your Yanmar engine or generator has experienced a failure due to a defect in material and/or workmanship, you must contact an authorized Yanmar industrial engine dealer or distributor within thirty (30) days of discovering the failure. You must provide proof of ownership of the Yanmar product, proof of the date of the Yanmar product purchase and delivery, and documentation of the operation hours. Acceptable forms of proof of delivery date include, but are not limited to: the original warranty registration, sales receipts, or other documents maintained in the ordinary course of business by Yanmar dealers and/or distributors, indicating the date of delivery of the Yanmar product to the original retail purchaser. This information is necessary to establish whether the Yanmar product is still within the warranty period. Thus, Yanmar strongly recommends you register your engine as soon as possible after purchase in order to facilitate any future warranty matters.

You are responsible for the transportation of the engine to and from the repair location as designated by Yanmar.

## To Locate an Authorized Yanmar Industrial Engine Dealer or Distributor:

You can locate your nearest authorized Yanmar industrial engine dealer or distributor by visiting the Yanmar Corp., LTD. website at:

<http://www.yanmar.co.jp> (The Japanese language page will be displayed.) For English language "click" on "English Page.")

- "Click" on "Network" in the web site heading to view the "Yanmar Worldwide Network."
- Choose and "Click" on the desired product group.
- "Click" on the icon closest to your region.
- "Click" on the desired country or Associate company to locate your nearest authorized Yanmar industrial engine dealer or distributor.
- You may also contact Yanmar by clicking on "Inquiry" in the web site heading and typing in your question or comment.

## What Yanmar Will Do:

Yanmar warrants to the original retail purchaser of a new Yanmar engine or generator that Yanmar will make such repairs and/or replacements at Yanmar's option, of any part(s) of the Yanmar product covered by this Warranty found to be defective in material and/or workmanship. Such repairs and/or replacements will be made at a location designated by Yanmar at no cost to the purchaser for parts or labor.

## What is Not Covered by this Warranty?

This Warranty does not cover parts affected by or damaged by any reason other than defective materials or workmanship including, but not limited to, accident, misuse, abuse, "Acts of God," neglect, improper installation, improper maintenance, improper storage, the use of unsuitable attachments or parts, the use of contaminated fuels, the use of fuels, oils, lubricants, or fluids other than those recommended in your Yanmar Operation Manual, unauthorized alterations or modifications, ordinary wear and tear, and rust or corrosion. This Warranty does not cover the cost of parts and/or labor required to perform normal scheduled maintenance on your Yanmar engine. This Warranty does not cover consumable parts such as, but not limited to, filters, belts, hoses, fuel injector nozzles, lubricants and cleaning fluids. This Warranty does not cover the cost of shipping the product to or from the Warranty repair facility.

## Warranty Limitations:

**The foregoing is Yanmar's only obligation to you and your exclusive remedy for breach of warranty.**

Failure to follow the requirements for submitting a claim under this Warranty may result in a waiver of all claims for damages and other relief. **In no event shall Yanmar or any authorized industrial engine dealer or distributor be liable for incidental, special or consequential damages.** Such consequential damages may include, but not be limited to, loss of revenue, loan payments, cost of rental of substitute equipment, insurance coverage, storage, lodging, transportation, fuel, mileage, and telephone costs. The limitations in this Warranty apply regardless of whether your claims are based on breach of contract, tort (including negligence and strict liability) or any other theory. Any action arising hereunder must be brought within one (1) year after the cause of action

accrues or it shall be barred. Some states and countries do not allow certain limitations on warranties or for breach of warranties. **This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.** Limitations set forth in this paragraph shall not apply to the extent that they are prohibited by law.

**Warranty Modifications:** Except as modified in writing and signed by the parties, this Warranty is and shall remain the complete and exclusive agreement between the parties with respect to warranties, superseding all prior agreements, written and oral, and all other communications between the parties relating to warranties. **No person or entity is authorized to give any other warranty or to assume any other obligation on behalf of Yanmar, either orally or in writing.**

### **Questions:**

If you have any questions or concerns regarding this Warranty, please call or write to the nearest authorized Yanmar industrial engine dealer or distributor or other authorized facility.

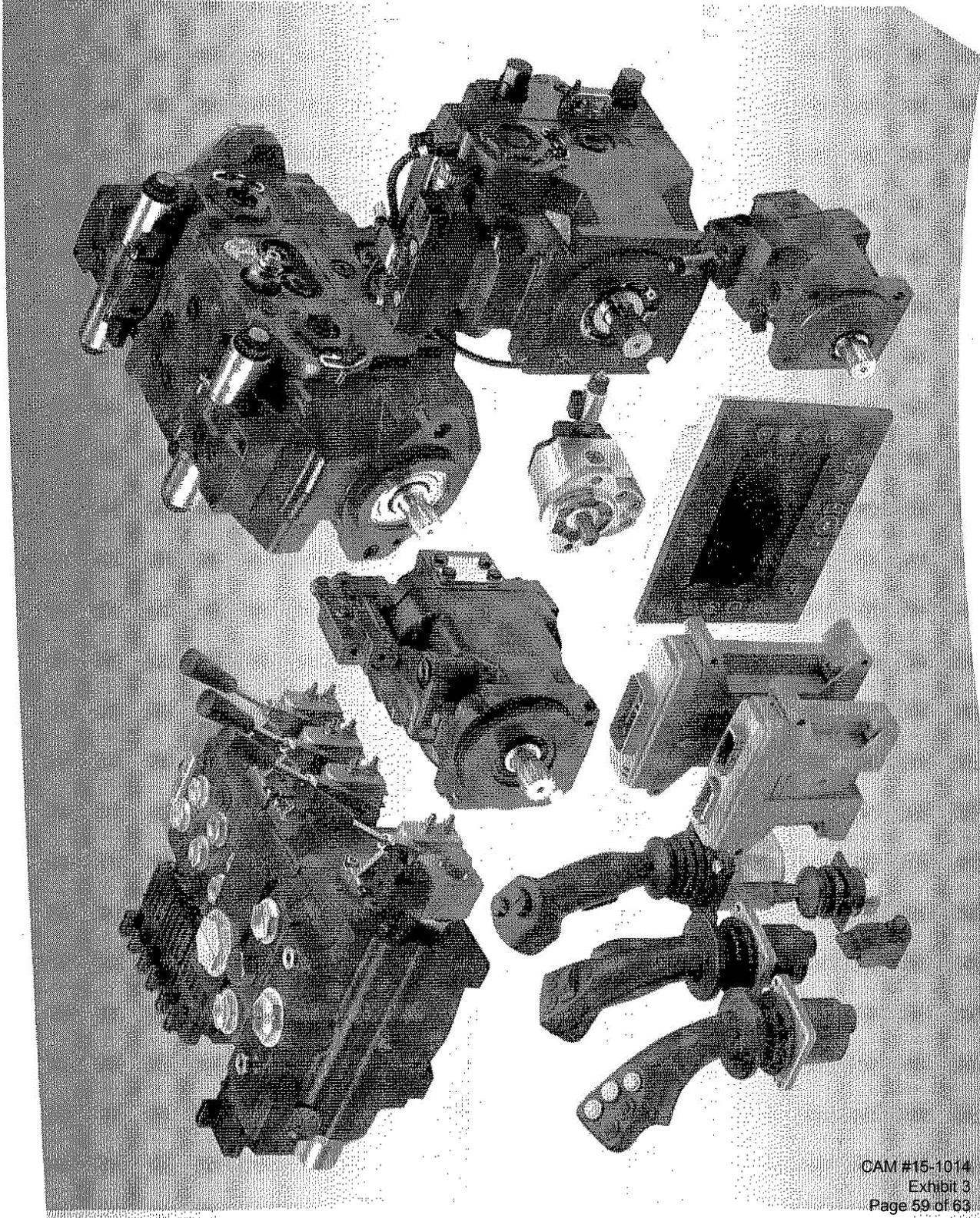
### **Retail Purchaser Registration**

**It is very important for the original retail purchaser to register the Yanmar product. Registration enables Yanmar to provide the best support for your Yanmar product.**



Warranty Policies and Procedures

# Danfoss Power Solutions All Products





## Warranty Policies and Procedures

### Warranty

Danfoss (US) Company ("Danfoss") warrants for the applicable Warranty Period referred to below to the original equipment manufacturer or authorized distributor purchasing a Danfoss Product ("Buyer") that the product will be free from defects in material and workmanship at the time of shipment from Danfoss, and will conform to the drawings and specifications that apply to the product under Danfoss' sale agreement with Buyer.

Duration of warranty is printed in the section "WARRANTY PERIODS" (the "Warranty Period"). During the Warranty Period, Danfoss shall repair or replace those products or their parts found by Danfoss to be defective in material or workmanship at time of original shipment, provided that Danfoss or its authorized representative is first advised in writing within the applicable Warranty Period of Buyer's contention of such defect, and that the product or, if applicable, the part in question is made available for inspection by Danfoss or its authorized representative.

To facilitate inspection, Danfoss may request return of the product and/or part Buyer contends to be defective. If so requested, Buyer will return the item to a Danfoss Authorized Service Center or Factory Repair Facility ("Service Center").

Product or parts failures or malfunctions that are not attributable to defects in material and/or workmanship, and which are not covered by the said warranty include, but are not limited to:

- Inadequate, contaminated, or improper fluid
- Accident, abuse, or neglect
- Stripped keyways, or splines stripped or worn on external shaft end
- Improper mounting of external pulleys, gears, etc.
- Operating above those speeds, pressures, or temperatures recommended by Danfoss
- Operating with improper electrical inputs (voltage, polarity, current, etc.)
- Repairs by personnel other than as authorized by Danfoss
- Use of the product in a manner or for a purpose not originally intended for by Danfoss
- Use of parts other than Genuine Danfoss Parts in any repairs.

Danfoss shall not be liable for labor costs or any other expenses incurred in removing or reinstalling products or parts.

**THE WARRANTIES SET FORTH HEREIN ARE IN LIEU OF AND TO THE EXCLUSION OF ALL OTHER WARRANTIES, WHETHER EXPRESSED, IMPLIED, OR STATUTORY OR OTHERWISE, INCLUDING SPECIFICALLY, BUT NOT BY WAY OF LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

Danfoss' liability, whether of warranty, negligence, or otherwise, is limited to the repair or replacement as herein provided or, at Danfoss' sole option, to a refund of the purchase price. **THIS SHALL BE DANFOSS' MAXIMUM LIABILITY AND UNDER NO CIRCUMSTANCES SHALL SAUER-DANFOSS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR OTHER SIMILAR DAMAGES FROM ANY SOURCE WHATSOEVER (INCLUDING, SPECIFICALLY, BUT NOT LIMITED TO LOSS OF PROFIT, LOSS OF BUSINESS, OR ANY OTHER FINANCIAL LOSS BY BUYER OR ANY THIRD PARTY).**

If Buyer grants warranty on Danfoss products of greater scope than the warranties provided by Danfoss herein, or extends any Warranty Period beyond the applicable period described in "WARRANTY PERIODS," Buyer does so at its sole risk and expense. Buyer will indemnify and hold Danfoss harmless from any claims of any party based on such greater warranty or period, and any expenses incurred in the defense of such claims. This warranty only applies to original-equipment manufacturers or authorized distributors, and by its terms does not extend to any person buying the product for personal, family, or household use. If Buyer extends its own warranty to its customer, and if the *Magnuson-Moss Warranty Improvement Act* (Pub. L. 93-637) or similar state laws should apply, Buyer assumes all responsibility for compliance with such laws and will indemnify and hold Danfoss harmless from any claims of any party based on a violation of such laws and any expenses incurred in the defense of any such claims.

3.7  
Danfoss

## Warranty Policies and Procedures

### Warranty Periods

#### New products

The Warranty Period is limited to the earlier of:

- (i) 24 consecutive months (2 years) from the date of first use of the product, or
- (ii) 36 consecutive months (3 years) from the date of original shipment of the product from Danfoss.

#### Rebuilt products

- A. If a product is rebuilt by a Service Center during the original new product Warranty Period, warranty on the rebuilt item shall be as set forth herein and shall continue for the balance of the original Warranty Period, or for a period equal to 50% of the original new product Warranty Period, whichever is later.

#### Service parts

The Warranty Period for Service Parts shall be 12 consecutive months (1 year) from date of original shipment of such service parts from Danfoss.

### Repair Procedures

- A. Major warranty repairs must be made by a Service Center and shall be obtained in accordance with all procedures set forth herein. To reduce unnecessary machine down time and freight costs, minor repairs may be performed in the field per the procedures in the applicable Danfoss Service Manual, without affecting the product's warranty.
- B. By forwarding a product to a Service Center for repair, Buyer acknowledges the Service Center's expertise and technical ability to determine by inspection whether a product was defective in material and/or workmanship when shipped from Danfoss.
- C. If upon receipt and inspection of the item, Danfoss, in its sole discretion, determines that the product or part is defective in materials or workmanship, Danfoss will, upon request, reimburse Buyer for its reasonable charges in returning the item via surface transportation, and will repair or replace the product or part at no charge to Buyer. If a product is returned to Danfoss for warranty consideration and upon inspection and testing is found not to be defective, an inspection or repair charge will be assessed for this examination or repair even though the product is within the Warranty Period.
- D. A Purchase Order must be supplied to the Service Center for all products returned for repair.
- E. Damage or losses incurred during shipping and handling of products is the responsibility of Buyer.
- F. Products submitted for repair may be updated at the Service Center's sole discretion, but no changes will be made that will detrimentally affect the form, fit, or function of the product. Danfoss reserves the right to make changes in the design of its products at any time without incurring any obligation to make equivalent changes in products previously manufactured or shipped.
- G. The Service Center has no responsibility for the return of customer's fittings, couplings, hoses, etc. attached to or included with products.
- H. Upon inspection or repair of each product, an "Inspection Report" will be completed by the Service Center. This document reports the reason for malfunction and the condition of the hardware. A copy is available to Buyer upon request.
- I. Products returned containing other than genuine Danfoss Parts will have those parts replaced with genuine Danfoss Parts. A charge will be assessed for all non-Danfoss Parts replaced during repair.
- J. A "Rebuilt" tag or stamp will be attached to each repaired product. This applies to all products that are repaired except for Buyer production line rejects. Production line rejects will be repaired and returned without this tag or stamp.
- K. All repaired products will be tested and painted or refinished. The product will be assigned a new serial number or date code, except for Buyer production line rejects, which will retain original serial number.
- L. The Service Center may, at its option, "Drop Ship" or ship to a location other than Buyer's place of business if requested by Buyer.



#### Products we offer:

- Bent Axis Motors
- Closed Circuit Axial Piston Pumps and Motors
- Displays
- Electrohydraulic Power Steering
- Electrohydraulics
- Hydraulic Power Steering
- Integrated Systems
- Joysticks and Control Handles
- Microcontrollers and Software
- Open Circuit Axial Piston Pumps
- Orbital Motors
- PLUS+1® GUIDE
- Proportional Valves
- Sensors
- Steering
- Transit Mixer Drives

**Danfoss Power Solutions** is a global manufacturer and supplier of high-quality hydraulic and electronic components. We specialize in providing state-of-the-art technology and solutions that excel in the harsh operating conditions of the mobile off-highway market. Building on our extensive applications expertise, we work closely with our customers to ensure exceptional performance for a broad range of off-highway vehicles.

We help OEMs around the world speed up system development, reduce costs and bring vehicles to market faster.

Danfoss – Your Strongest Partner in Mobile Hydraulics.

**Go to [www.powersolutions.danfoss.com](http://www.powersolutions.danfoss.com) for further product information.**

Wherever off-highway vehicles are at work, so is Danfoss.

We offer expert worldwide support for our customers, ensuring the best possible solutions for outstanding performance. And with an extensive network of Global Service Partners, we also provide comprehensive global service for all of our components.

Please contact the Danfoss Power Solution representative nearest you.

**Comatrol**  
www.comatrol.com

**Schwarz Müller-Inverter**  
www.schwarzmueller-inverter.com

**Turolla**  
www.turollaocg.com

**Valmova**  
www.valmova.com

**Hydro-Gear**  
www.hydro-gear.com

**Daikin-Sauer-Danfoss**  
www.daikin-sauer-danfoss.com

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12800 East 13th Street  
Omaha, NE 68144, USA  
Phone: +1 515 239 6000

**Danfoss Power Solutions GmbH & Co. OHG**  
Krokamp 35  
D-24539 Neumünster, Germany  
Phone: +49 4321 871 0

**Danfoss Power Solutions Trading (Shanghai) Co. Ltd.**  
Building #22, No. 1000 Jin Hai Rd  
Jin Qiao, Pudong New District  
Shanghai, China 201206  
Phone: +86 21 3418 5200

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**Accessory Valves**  
Additional Information

**FORCE AMERICA DISTRIBUTING, LLC. PRODUCT WARRANTY** Product Warranty

FORCE America, Inc., warrants to the original purchaser of its products that the products are free of defects in materials and workmanship, when operated under normal conditions and in accordance with accepted FORCE America and/or industry recommended practices. The standard warranty period is 12 months from the date the product is first put into service, but not to exceed 18 months from the date of shipment.

Products must be returned, freight prepaid, to the FORCE America Service Center from which it was shipped, for inspection. A Returned Goods Authorization (RGA) number must be obtained from that service center before shipment is made, and clearly indicated on the shipping package. Product must be received by FORCE America, Inc. within 3 months of the claim as per the requirements of FORCE America's Returned Goods Policy, which is considered to be part of the warranty. FORCE America reserves the right to repair or replace any product found to be under warranty. This warranty policy does not provide for a refund or credit for defective material.

This warranty is null and void if in the judgment of FORCE America, the part had been used in the wrong application, damaged, improperly maintained or repaired, subjected to inappropriate environmental and operating conditions, repaired by a non-FORCE America party without prior authorization from FORCE America, not used in accordance with FORCE America operational and service recommendations, or repaired with other than FORCE America approved parts.

This warranty is in lieu of all other warranties, express or implied, and may be varied only by a separate agreement signed by a duly authorized representative of FORCE America, Inc. FORCE America makes no warranty of merchantability or fitness for a particular purpose. The foregoing states FORCE America's entire and exclusive liability and buyer's exclusive and sole remedy in connection with the sale of the parts hereunder. In no event shall FORCE America be liable for any special, incidental, or consequential damages whatsoever, including loss of use or travel, labor or material costs to remove or reinstall the product. Under no circumstances will FORCE America's liabilities exceed the original repair cost for the products for which liability is claimed.

For further information, please consult factory.