



CIN:



Owner Manual

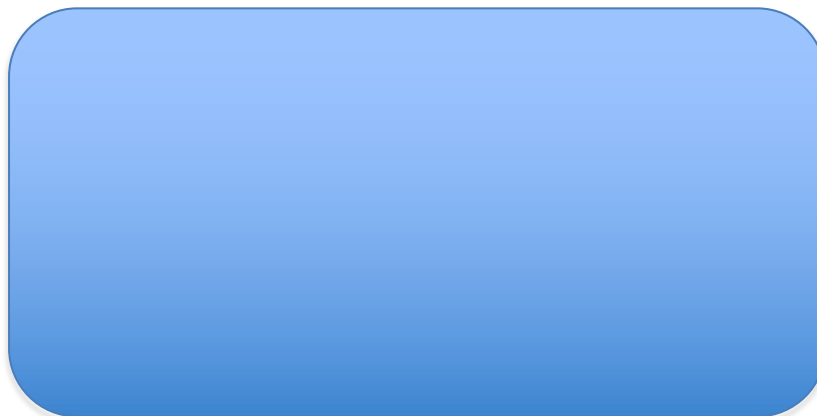


Manufacturer:

MS Marine GmbH, Gewerbegebiet Ost 31, 92353 Postbauer-Heng, Germany

Your dealer:

(Stamp)



The manual and all its enclosures should be stored carefully, and the manual should always be kept on board. The manual includes information and warnings and the characteristics of the inflatable boat “FISH” and also the rules of conduct to be observed when using the vessel. As far as the main safety and maintenance rules are concerned, please refer to the indications in the initial part of the Owner’s Manual. All the on-board components are of high quality, like all products manufactured by ZAR mini GmbH, but the warranty is only valid if components are used correctly. If the craft is resold, the manual and its enclosures must be handed over to the new owner.

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Reference Regulations:

- **ISO 10240:** Regulation relative to Owner Manual texts.
- **ISO 8999 and ISO 11192:** Regulations relative to the definition of ISO pictograms to be applied on diagrams/plants.
- **Danger Levels:** The manual contains notes, identified as shown below, which contain instructions relative to safety or to environmental health. Read and **DO NOT NEGLECT TO APPLY THEM.**



A note like **this indicates that there is a serious risk** that is likely to cause death or permanent serious injury, if appropriate precautions are not taken.

DANGER



A note like this **indicates the existence of a risk** that may cause death or injury if appropriate precautions are not taken.

WARNING



A note like this **indicates reference to the application of safety or environmental protection practices**. Moreover it draws attention to unsafe behaviour that might cause injury to persons or damage to the craft, its components or the environment.

ATTENTION

SECTION 1: EC Certification



BEAUFORT WIND SCALE AND CORRESPONDING STATE OF THE SEA AFTER A FEW HOURS OF WIND AWAY FROM THE COAST						
Force	Denomination	Knots	Km/h	m/sec	State of the sea and wave, in meter	
0	Calm	<1	<1	0-0,2	Calm	0
1	Light air	1-3	1-5	0,3-1,5	Almost calm	0,2
2	Light breeze	4-6	6-11	1,6-3,3		
3	Gentle breeze	7-10	12-19	3,4-5,4	Small waves	0,5
4	Moderate breeze	11-16	20-28	5,5-7,9		
5	Strong breeze	17-21	29-38	8,0-10,7	Large waves	1,25 2,0
6	Fresh wind	22-27	39-49	10,8-13,8		
7	Strong wind	28-33	50-61	13,9-17,1	Very large waves	2,5
8	Gale	34-40	62-74	17,2-20,7	Rough sea	4
9	Strong gale	41-47	75-88	20,8-24,4	Very rough sea	6
10	Storm	48-55	89-102	24,5-28,4	Heavy	9
11	Violent storm	56-63	103-117	28,5-32,6	Very heavy	14
12	Hurricane	64 & over	118 & over	32,7 & over	Stormy	14&over

RELATION BETWEEN DESIGN CATEGORIES AND BEAUFORT SCALE:
CAT. PROG. "A" = NO LIMITS. CAT. PROG.

"B" = FORCE 8 WINDS – WAVES UP TO 4 METRES CAT. PROG.

"C" = FORCE 6 WINDS – WAVES UP TO 2 METRES

CAT. PROG. "D" = FORCE 4 WINDS – WAVES UP TO 0.5 METRES

The design category of your boat is reported in the Characteristics Chart of the enclosed Owner Manual specific for your boat and on the manufacturer plate installed on your boat.

Important note

The design category gives a general indication of the limit conditions of use for which the boat was designed and built according to the ISO 6185 regulation (only for boats under 8 m of length), ISO 12217-1 regulation (only for boats over 8 m of length). However, full compliance with the regulation is no guarantee against the danger of sinking in adverse weather conditions, since this depends on various factors, such as the skipper's ability, the loading conditions, the state of the craft etc. Therefore, in the event of adverse weather conditions, you are invited not to overestimate your skill and head for the nearest landing point; we should also like to remind you that the sea in any case is always the strongest.

FURTHERMORE: FISH boats have been designed and built solely for the purpose of pleasure boating. Taking part in competitions, transporting goods or professional

fishing is not permitted.

Aboard there are a Manufacturer Plate and one hull identification number plate.

ISO 14945 Manufacturer Plate:

The Manufacturer Plate is always located in a clearly visible position, for instance on the transom and must never be removed or tampered with.

certifying Body:

**HPI Verification Services Ltd., The Manor House,
Howbery Park, Wallingford, OX10 8BA, United
Kingdom**



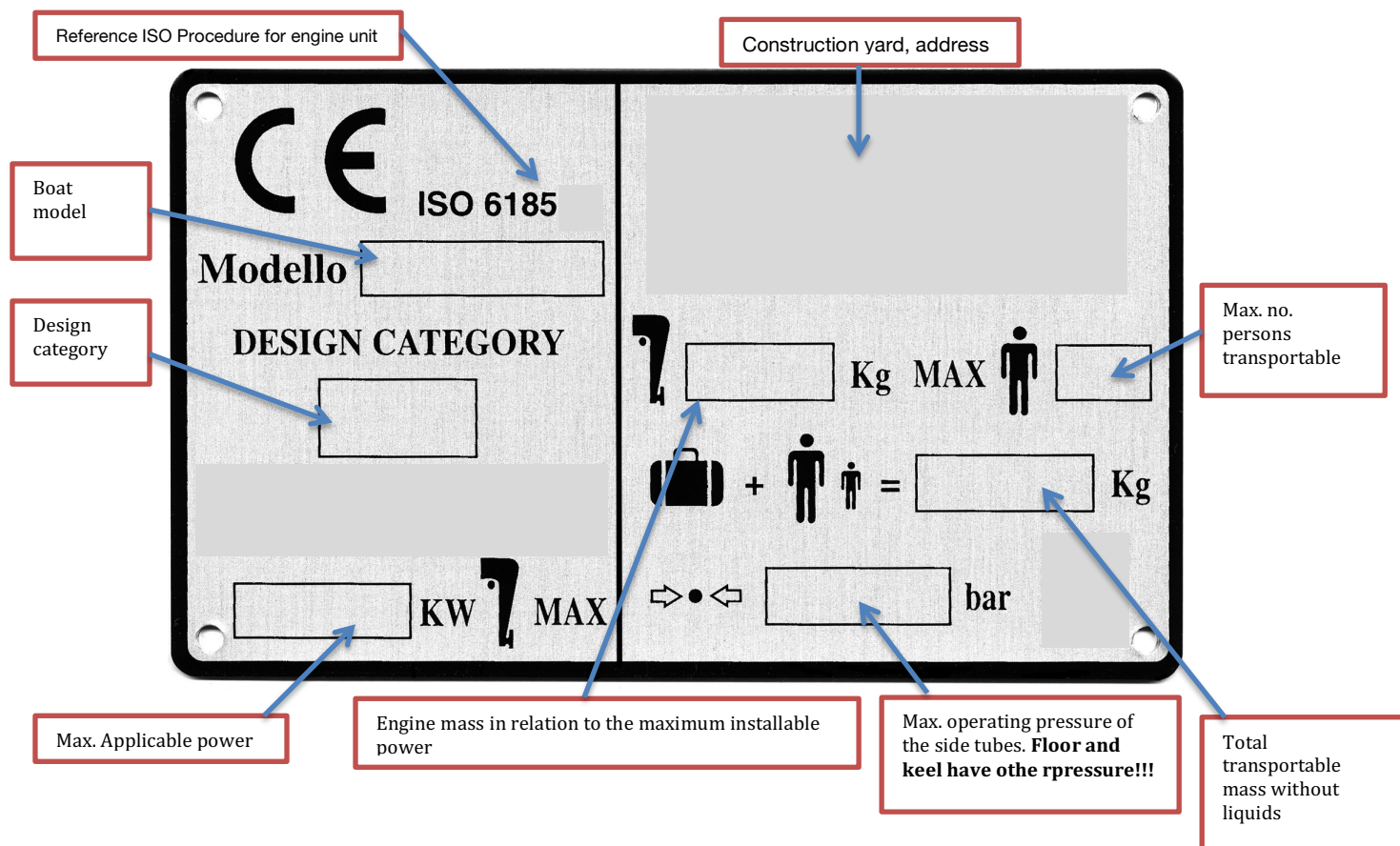
ATTENTION

The owner of the boat is responsible for fully complying with the indications reported on the manufacturer's plate. The owner of the boat will be held solely responsible for any accident to objects or people resulting from failure to comply with these indications.

ISO 6185-5

MANUFACTURER'S PLATE VALID FOR EVERY CONSTRUCTION CATEGORY

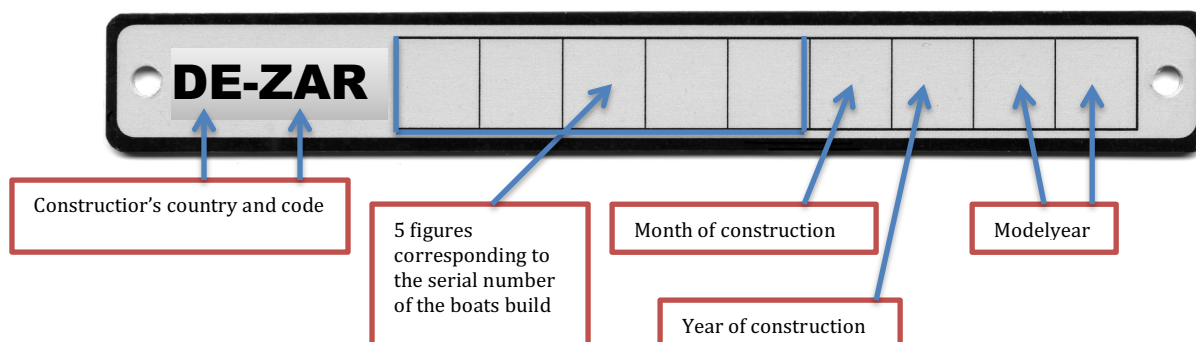
OUTBOARD VERSION AND IN-OUTBOARD/D VERSION (Copy of the plate installed aboard)



Hull Identification Number Plates ISO 10087 (C.I.N.):

There are two hull identification number plates aboard. One is fitted to the right of the stern mirror at least 300mm from the boat axle. The second plate is riveted inside the boat.

THE PLATES MUST NEVER BE REMOVED OR TAMPERED WITH C.I.N. PLATE
(Hull identification no. plate) ISO 10087



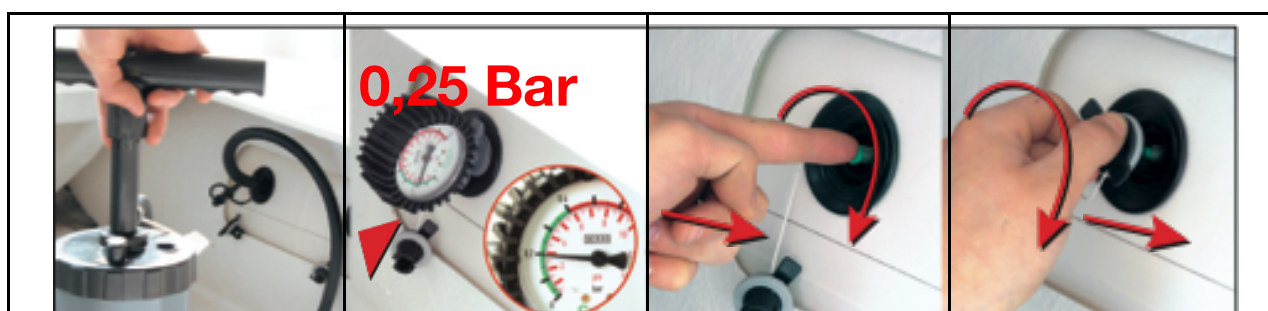
MONTH	CODE	MONTH	CODE	MONTH	CODE
January	A	May	E	September	I
February	B	June	F	October	J
Mars	C	July	G	November	K
April	D	August	H	December	L

SECTION 2: The correct AIR Pressure

The inflatable dinghy comprises tubes made up of 6 (six) compartments that are not interconnected. Valves for inflating/deflating (one per compartment) are maintenance-free since they are kept clean by simply plugging them up to stop dirt obstructing the air seal mechanisms.

Inflating the side tubes

Unscrew the cap and use the supplied manual pump to inflate the compartments to “volume” without distinction, but do not pressurise them. Subsequently raise to **operating pressure (0.25 Bars)** and close the plugs. If the dinghy is left in the sun, check tube pressure; if the pressure is found to be higher than the recommended one (0.25 Bar), deflate the compartments slightly. The inflating adaptor is **NOT** provided as standard equipment.



- Make sure that the tube is not inflated less or more than the working pressure, otherwise the boat may be damaged. It is important to check frequently.
- The wooden floorboard need an exact working pressure, otherwise the floorboards might brake.

- Overpressure and under pressure damages are not covered by our warranty.
- If the tube shows deformation, than it might be filled with air wrongly. To avoid this never fill one chamber fully at once, but fill it clockwise with all other chambers on three times.
- Be careful with temperature changes. Air pressure in the chambers will rise with the temperature and can cause damages to the tube.
- Normal full inflation pressure is 0.25bar for the tube and 0.35bar for the keel. If boat is inflated at sea level (low altitude) and transported to a high altitude (e.g., for use in a mountain lake), the air pressure must be reduced at the higher altitude to prevent over inflation.

Inflating the air keel

Unscrew the cap and use the supplied manual pump to inflate the compartment to “volume” without distinction, but do not pressurise it. Subsequently raise to **operating pressure (0.35 Bar)** and close the plugs. If the dinghy is left in the sun, check tube pressure; if the pressure is found to be higher than the recommended one (0.35 Bar), deflate the compartment slightly.

Deflating

Unscrew the cap and then press the inflating valve lock. To deflate the dinghy tubes **completely** use the supplied manual pump by inverting the pump tube connection.



When packing/stowing the foldable boat always close the valves, to avoid damage to the tube that can occur by the hat off the valve.

SECTION 3: SAFETY REGULATIONS

The manual contains recommendations and basic rules of conduct for using the boat in complete safety. Although it is not possible to offer safety information for all potential situations, in general it is recommended that you:

- Regularly check which safety requirements are in force with the harbour offices or specialised agencies.
- Ensure the boat and plants are kept fully efficient.
- Have the boat inspected by your ZAR mini or FISH dealer or by a ZAR mini authorized mechanic at least once a year to ensure safety.
- FISH are not build as rescue tender
- Always tell someone your time and place of departure. Proposed route and time you expect to return.
- The display of navigation lights may be required. The user should ensure that a boat should not be operated during darkness or other hazardous weather conditions unless the correct navigation lighting has been fitted and is operating properly.
- Safety courses on boat handling are available in most countries from national or local organizations. Operators should make themselves aware of the general rules of the waterways and local water conditions before taking a boat out.
- Keep the boat fully efficient above all, which means in the state in which it was delivered to you. **Any accident involving the boat or to third parties deriving from malice/neglect/non-compliant use of the craft, or from modifications to structure or equipment that have not been approved by competent bodies and are not authorised by the manufacturer, will be the full responsibility of the boat's owner.**



- Do not sit on the tube.
- Do not walk inside the boat when propeller is turning.
- Hold yourself during ride and keep small children on the floor to avoid falling out.
- Always wear an approved life jacket while on board.
 - Always keep a moderate speed in ports, coastal areas, at sea, in lakes and rivers, near swimmers or other boats. Moreover, refer to the current regulations, exceptions or limitations issued by the local Maritime Authorities. **The faster the speed, the less time you have to manoeuvre in difficult situations.**

- **Do not brake the law and use common sense to avoid dangerous situations.**
- In the event of the pilot falling into the sea without the “safety armband”, the boat could continue its course hitting anyone in its way, causing serious damage to other boats and/or injuring or causing the death of swimmers and the pilot himself. The manufacturer bears no responsibility in case this rule is not attended.
- Do not install too heavy or too powerful engines onto your FISH. Overpowering is very dangerous and can cause serious harm to passenger and boat.
- Wrecks, reefs, rocky shores, sand bars, and shallows should be avoided or approached with caution. Ask the Authorities, where such locations may be.
- When boating in unfamiliar waters, obtain information on local water hazards before launching.
- Should an air chamber fail, shift the weight to the opposite side. Secure leaking chamber as necessary (by tying or holding up) and immediately proceed to the nearest land.
- A boat should not be operated by an individual while under the influence of drugs or alcohol.
- Weight must be distributed evenly. If lightly loaded and your boat is equipped with a motor do not accelerate suddenly, to avoid somersault. Stability and handling problems can occur if the operator mishandles the craft. Also do not drive against wind too fast to avoid somersault.
- Outboard motors are dangerous and can cause injury and death when improperly operated. Never equip or operate a boat with a motor that is not approved for use with the boat.
- Be cautious of swimmers, Do not allow a swimmer to approach the stern of the boat while the engine is running.
- Attention should be given to winds and tides, their changes and their effect on fuel consumption.
- When boating in unknown water it is always as wise precaution to obtain local knowledge of the waterways before setting out.
- Only use original equipment from FISH. For example consoles and seats. They are tested and CE confirmed. Failure to do so will delete your CE certificate/DOC.
- Not all boats are allowed for consoles and seating. Ask your FISH dealer.
- Only FISH and ZAR mini dealers are allowed to make installations of optional equipment.
- Fixed installed fuel tanks are not previewed inside your FISH. Ask your dealer if we have a tested and certified fuel tank. They can only be installed by a FISH or ZAR mini dealer according to CE rules and/or valid law.



- Do not water-ski with any of FISH. The transom is not constructed for water-skiing.
- DO not use your FISH for waterskiing. If you water-ski you risk injuries of passengers and damage of your FISH.
- Always check weather and seagoing conditions before setting out.

Although we might have a CE certification for higher waves and stronger wind:

- Do not drive with your FISH, if the waves are higher than 50cm (1.5 feet).
- Do not drive with your FISH, if the wind is stronger than 4 Beaufort.



ATTENTION

Do not use compressors and/or other types of inflating equipment not approved by the boat manufacturer

Always use fenders, to protect the tube from damages like rocks, other boats and walls.

Clean you boat after use with fresh water.

Do not use chemicals like sun cream, solvent or cleaner. They will damage your FISH very quickly.

Use the following safety equipment:

- Luminous signals (day and night types, valid and approved).
- One or more electrical torches, preferably watertight, with spare batteries.
- Maps for navigating in that area.
- Emergency first aid kit (valid).
- Manually operated bilge pump.
- A suitable anchor and a sufficiently long line to moor in safety even in adverse weather conditions.
- **In case of emergencies, the efficiency of the radiotelephone (if installed), of lifesaving equipment (life-rafts/jackets/flares), and above all their correct use, will be the salvation of the crew.** Therefore, in order to limit any damage in the event of an accident, it is also a good idea to inform infrequent guests as to the

whereabouts and working of the rescue equipment (life jackets, extinguishers, etc.) and communication (vhf). The owner is invited to carry out drills for the fire extinguishers, rescue equipment and for retrieving a man overboard. All this will help you to enjoy your boat to the full and in total safety. **We also remind you to refer to the “Safety Regulations” tables provided by the Maritime authority**

(E.g. www.capitaneria.it) and to take note of any restrictions or warnings regarding the stretch of sea you are going to sail.

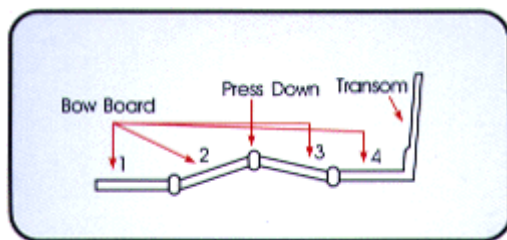
It is forbidden to use the bow eye and bow cleats as systems for towing purposes. In case of emergency, if towing is required, use the two bow cleats together and not exceed 5 knots. Take the shortest way to land. **Warranty doesn't cover** the loss of the boat itself and the damage caused by the use of the bow eye and bow cleats as systems for towing.

SECTION 4: Assembly

To assemble your FISH you must follow this instruction very carefully to avoid damages.

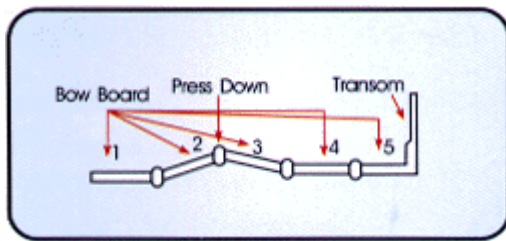
FISH with floorboards and airkeel:

1. Take your boat out of the package.
2. Lift the bag out of the carbon box.
3. Place it on the flat soft ground. If you have a hard ground place a soft material underneath the boat, to avoid damage.
4. Open the bag
5. Unroll the tube
6. Inflate all chambers with a little air. So the tube is flexible. Not more than 0.05 bar.
7. Place the aluminium floor inside the boat depended on which size you have:



NOTE: Identify numbers on floor boards face up.

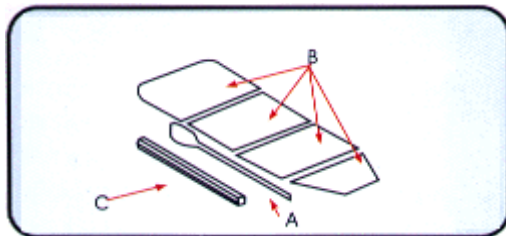
1. Insert #1 floorboard in the bow of boat.
2. Insert #4 floorboard in transom of the boat.
3. Insert #2 floorboard into #1 floorboard.
4. Insert #3 floorboard into #2 and #4 floorboards and press down until flat.



NOTE: Identify numbers on floor boards face up.

1. Insert #1 and #2 can be made as one set.
2. Insert #5 floorboard in transom of the boat.
3. Insert #3 floorboard into #2 floorboard.
4. Insert #4 floorboard into #3 and #5 floorboards and press down.

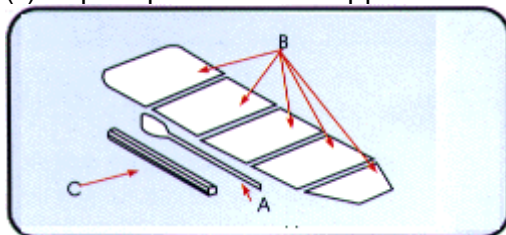
1. Slide oar
 - (a) Under bottom of boat to raise floor boards
 - (b) From flat surface.
 Attach side joiners
- (c) Repeat procedure on opposite side of boat.
2. Install seat



3. Fully inflate boat by attaching foot pump to each of the valves, while maintaining a balance of air between air chambers.
4. Inflate keel and close the valve with cap.

OR

1. Slide oar
 - (a) Under bottom of boat to raise floor boards
 - (b) From flat surface.
 Attach side joiners
- (c) Repeat procedure on opposite side of boat.



2. Fully inflate boat by attaching foot pump to each of the valves, while maintaining a balance of air between air chambers.
3. Inflate keel and close the valve with cap.

FISH with slated deck:

1. Take your boat out of the package.
2. Lift the bag out of the carbon box.
3. Place it on the flat soft ground. If you have a hard ground place a soft material underneath the boat, to avoid damage.
4. Open the bag
5. Unroll the tube
6. If not installed, install the wooden deck inside the lashes on the floor.
7. Inflate all tube chambers clockwise with air.
8. Take care that the chamber with the overpressure valve is filled completely first.
9. Install the seat.
10. Close the valve with cap.



- Do not use sharp knives to open the carbon box or the packaging.
- We recommend two persons to lift the bag, so you do not injure your body by carrying too heavy.
- Before inflating the tube, please read the manual "SECTION 2".
- Be careful when placing the bag on the ground. Little stones, sharp objects like glass could damage the tube.
- Do not step inside the boat when keel is inflated.
- Do not inflate any chamber to full capacity at one time. Inflate each chamber by 33% clockwise until full. Install valve caps.
- The first chamber fully inflated must be the one with the overpressure valve.

SECTION 5: Maintenance

- All fabrics can be cleaned with soap and water.
- Wash after every use with fresh water.
- All stainless steel parts must be sprayed with oil before and after use, to avoid getting yellow.
- When packaged, the boat must be dry.
- Sun is not good for your boat. Cover it!
- Keep it original. Your boat will last longer and have a higher value to others, if you only use original FISH parts.
- It is recommended that the boat NOT be powered onto the beach, dragged across rocks, sand or pavement as damage to the boat skin may result.
- If the boat is to be temporarily left on a beach, a portion of the boat should be left in the water to dissipate internal heat caused by exposure to sunlight that will increase air pressure.

Repair work

For all repairs it is recommended that the boat be returned to your dealer. If possible, contact the dealer.

Storage

1. After use, the boat and all components should be washed with PVC/Hypalon cleaner, depending on what material your boat is. After it should be rinsed with fresh water.
2. Dry all parts before storage in the carrying bag. This will help to prevent mould or mildew.
3. Wooden components should be inspected for damage or deterioration to the finish. Surface scratches or abrasions should be refinished with a marine grade varnish.
4. To keep the boat looking new, store the boat in a cool and dry space and avoid excessive exposure to direct sunlight.
5. To avoid damaging the boat during storage, do not place heavy objects on boat.



- Do not use a vinyl-preserving agent on fabric surfaces. Chemicals in such agents will dry out the fabric.
- Do not use acid.
- Waxes or cleaners containing alcohol SHOULD NOT be used on the boat fabric. Alcohol will prematurely dry out the boat fabric.
- Be careful with sun cream, because it will ruin your PVC material if it touches.
- Do not keep your PVC boat over 40 degrees Celsius, because the seams might break. Overheating is not covered by any warranty.
- Do not screw or glue anything into the transom, floorboards or tube. You will lose warranty if you do so.
- Be careful with items that can damage the tube.
- Only lift an empty boat without engine on the previewed handles. None of the rings or handles can carry the weight of the engine.

SECTION 6: Warranty

1. The warranty for each new inflatable boat and accessories attached to the boat (hereinafter to be referred to as the "product") to be free from defects in material and workmanship.

2. The warranty shall become effective only upon receipt of a completed Warranty Registration Card, which shall identify the product-registered serial number. This warranty shall remain in effect, for private use only, as described below:

2-1. Hull fabrics are covered by a full 2-year warranty against cracking porosity and rot.

2-2. Hull seams are covered against delamination by a 2-year warranty.

NOTE: Seams are considered to have delaminated when the outer coating separates from the fabric base or the seam loses its structural strength. If delamination occurs on only one seam and not on the entire boat, the seam is to be repaired under warranty.

2-3. All other boat parts, including limited components such as lifting handle, foot pumps, boat bag, transom holder, transom, "D" rings, and floor boards are covered by a two-year warranty and valve is not covered by our warranty.

3. Since this warranty applies only to defects in material and workmanship, it does not apply to normal wear and tear, or to damage caused by:

- a. Neglect, lack of maintenance, accident, abnormal operation or improper installation or services.
- b. Use of an accessory or part not authorized or sold by us; participating in, preparing for racing or other competitive activity; alteration or removal of parts.

4. This warranty does not cover incidental or consequential costs or expenses such as haul-out, launch, towing transport and storage charges; telephone or rental charges of any type,

inconvenience, or loss of time of income; or other consequential damages.

5. Customer must provide reasonable access to the product for warranty service by delivering the product for inspection to the closest FISH dealer, the purchaser shall notify the dealer in writing within 10 days after notification of damage.

We shall then arrange for the inspection and repair, provided such service is covered under this warranty. Purchaser shall pay for all related transport expenses and/or any other expenses associated with that service any product or parts shipped by purchaser for inspection or repair must be shipped with transportation charges prepaid.

The warranty Registration Card is the only valid registration identification and must be presented at the time warranty service is required.

Warranty claims will not be accepted without presentation of the Warranty Registration Card.

6. Our obligations under this warranty shall be limited to repairing a defective part, or at our discretion, refunding the purchase price or replacing such part or parts as shall be necessary to remedy any malfunction resulting from defects in material or workmanship as covered by this warranty. We reserve the right to improve the design of any product without assuming any obligation to modify any product previously manufactured.

7. This warranty gives you specific legal rights and you may also have other legal rights, which vary from country to country.

8. Wooden parts are not covered by any warranty.

9. The owner is responsible to damages caused by improper use of product.

10. Every inflatable boat loses air. An Air loss of less than 20% per day is normal and must be accepted.

11. Breaking of the floorboards is not warranty, because it is caused by too small air pressure inside the tubes.



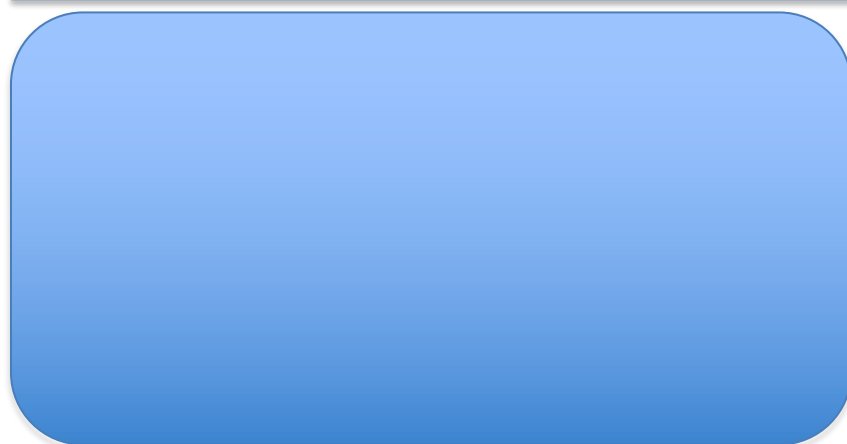
Every FISH must be build up, at the day of purchase, by the FISH dealer who sold the boat. Failure to do so will lead to a cancellation of warranty by the manufacturer. You will then have only the legal warranty from the dealer that varies from country to country.

All boats must be registered within 14 days after purchase to receive manufacturer warranty.

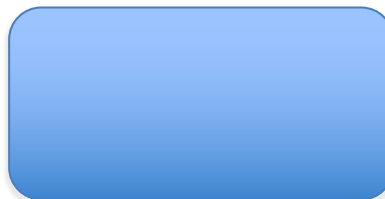
SECTION 7: Warranty registration card

Owner contact details:

PURCHASE DATE, SIGNATURE



Date



CIN:



FISH Model:



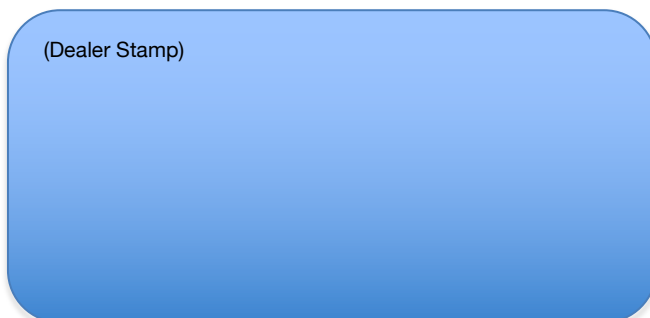
Engine Serial number:



Engine Model:



(Dealer Stamp)



With this signature the customer agrees to all warranty terms in SECTION 6 and confirms to have read the user manual fully. The owner received the boat build up and in good condition without any defects at the day of purchase. The owner received the CE Declaration of conformity and this user manual.

Dealer, send this page with invoice to email: sales@zarmini.com

SECTION 8: Service booklet

FISH is a quality product and needs to receive an annual service, to remain in good quality and receive warranty (SECTION 6).

DEALER:

DATE, SIGNATURE

1. Service

Date:

2. Service

Date:

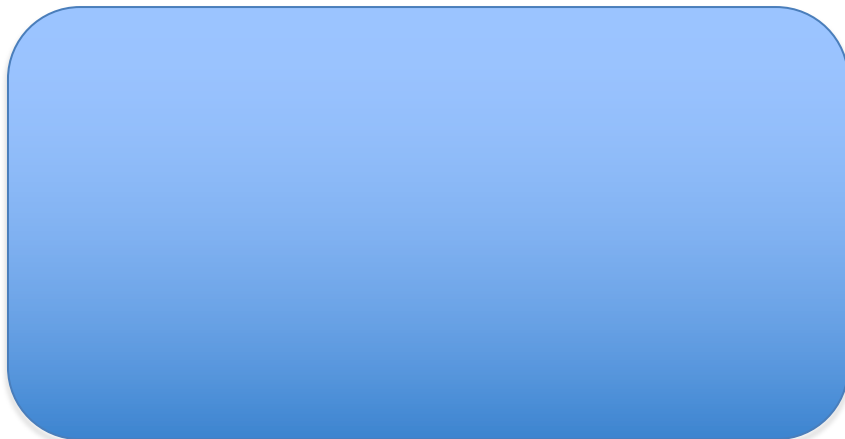
3. Service

Date:

DEALER:

DATE, SIGNATURE

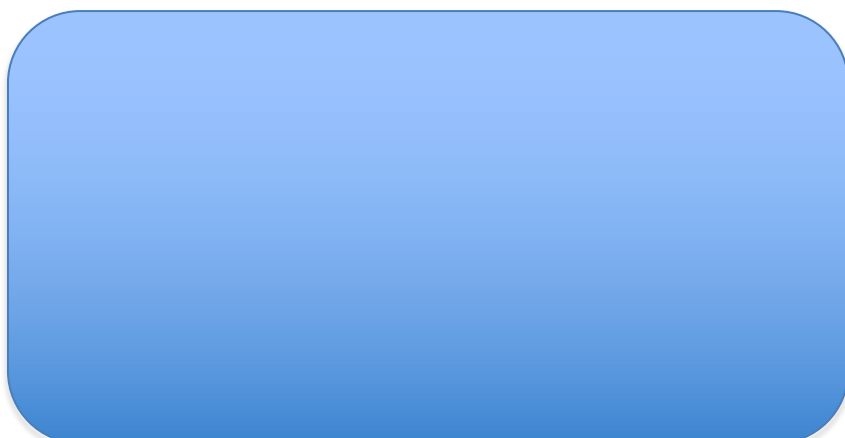
4. Service



Date:



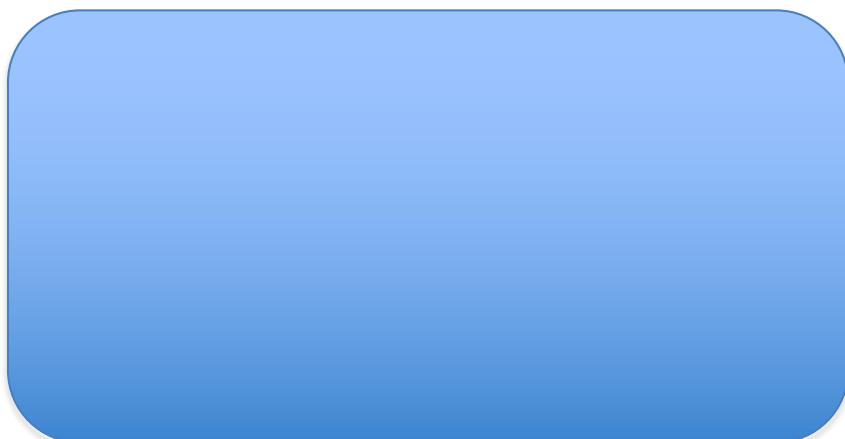
5. Service



Date:



6. Service



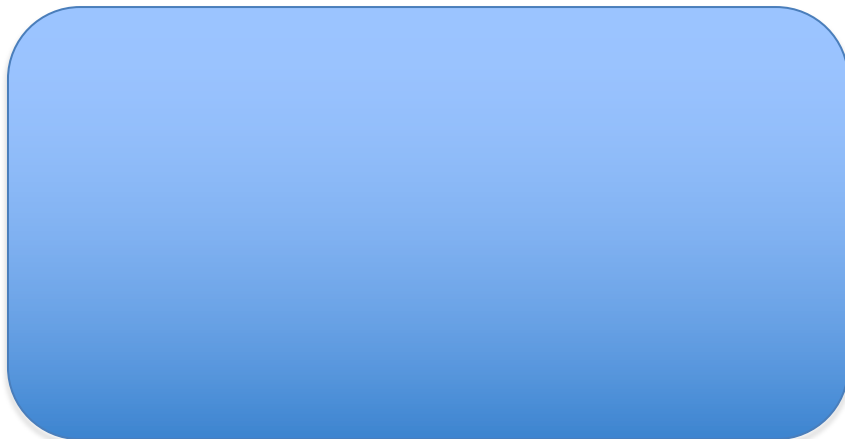
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DEALER:

DATE, SIGNATURE

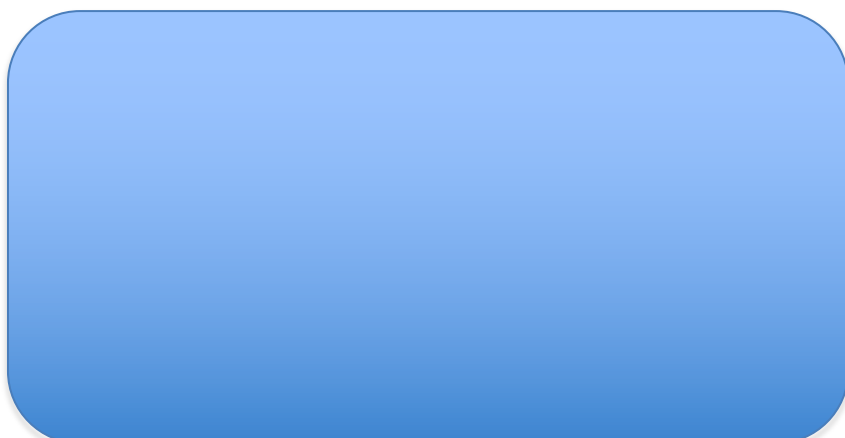
7. Service



Date:



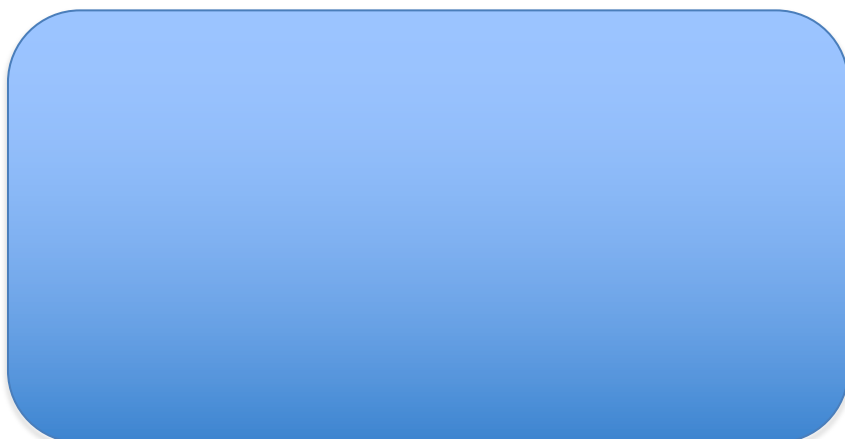
8. Service



Date:



9. Service



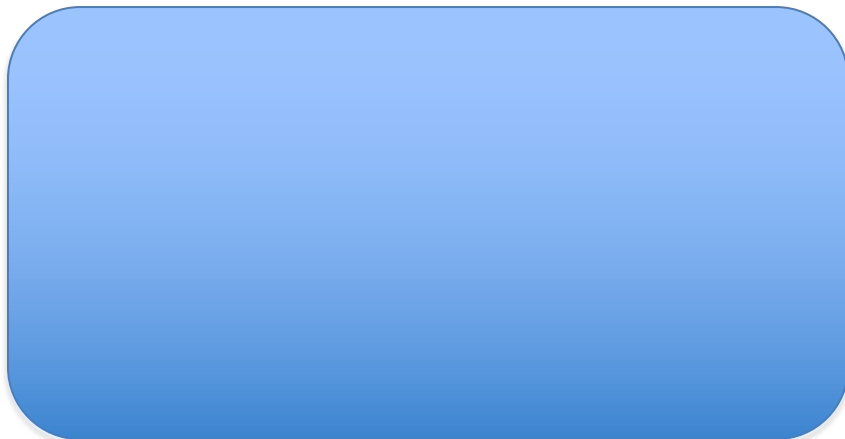
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DEALER:

DATE, SIGNATURE

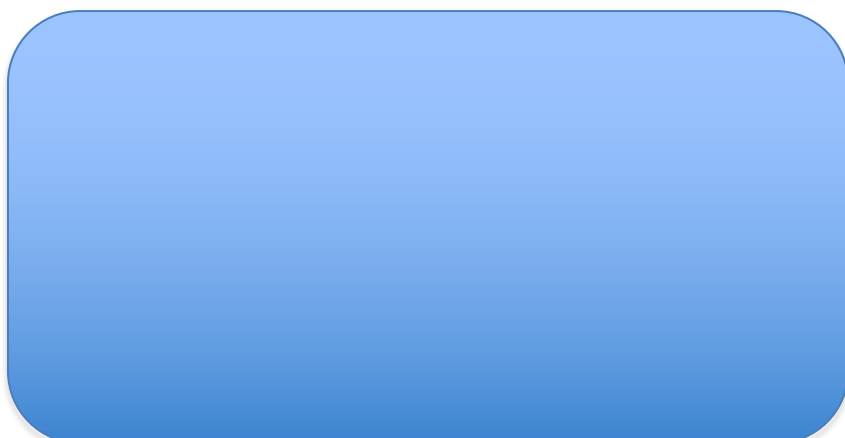
10. Service



Date:



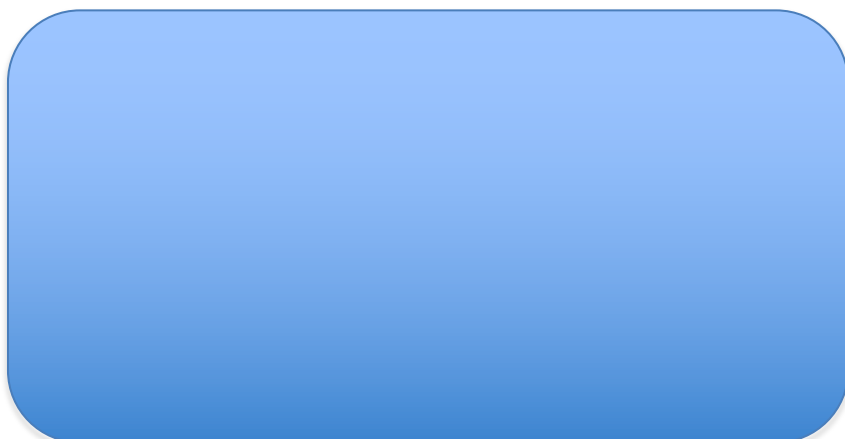
11. Service



Date:



12. Service



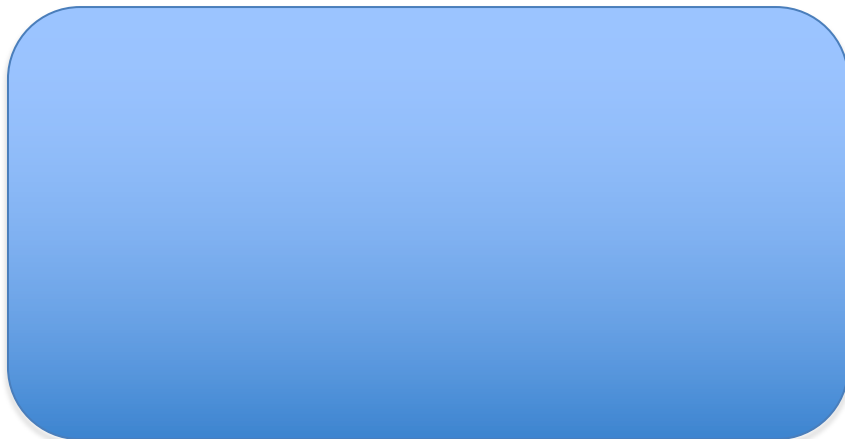
Date:




DEALER:

DATE, SIGNATURE

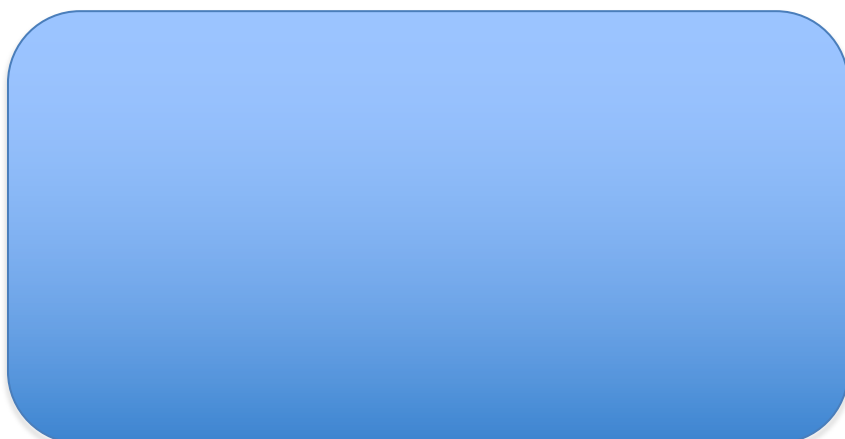
13. Service



Date:



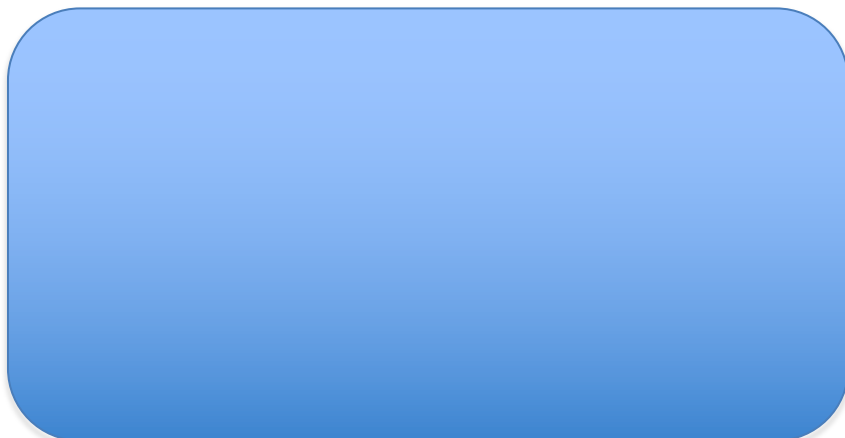
14. Service



Date:



15. Service



Date:

