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GENERAL DEFINITON

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1. GENERAL DEFINITION:

The Toddy-Style Sidemount-System is a universal wing and harness system, with which you can establish neutral or positive buoyancy. It is made with the following elements:

- Wing: the conception of the buoyancy system is made out of an inside bladder with an inflator/deflator device as well as a pressure relief valve and an outer shell to protect the whole unit.
- Harness and backplate: the harness is a webbing system with different attachment points, which is designed in addition to the backplates. It secures the system to the diver's body as well as the dive tanks.

The Toddy-Style Sidemount-System (TS System) comes in three different types:

TS 1 CORDURA TS 2 CAVE&WRECK TS 3 KEVLAR

The difference of the three variations is in the fabric used to conceive the outer shell of the wing. The design and size of the wing as well as the harness are identical. For this reason this manual will not alter between the versions. In the chapter "Technical Specification" you will find all the specs.

The TS Sidemount-System was specifically designed to attach tanks to the diver's sides. The attachment of the tanks can be done underwater as well as on the surface. Tank valves and first stages are always easy to reach. This flexible and safe configuration was specifically designed for cave diving and has since been extended to all types of diving (recreational and technical) worldwide.

IMPORTANT INSTRUCTIONS FOR SAFE USE AND RISK ASSESSMENT:

Please read this manual carefully for a complete understanding of the system. The misuse, wrong assembly, improper maintenance or damage to the buoyancy system may lead to dangerous situations, injuries or even death. Also, an improper use may void the warranty and/or product liability.

Only use the TS-System for the intended use specified by the manufacturer in this manual.

During the equipment configuration, it is imperative to take care that the maximum buoyancy capacity of the wing will be sufficient to establish positive buoyancy. The maximum recommended and tested tank size is labeled on the wing and has to be followed during use of the system.

The TS-System is not rescue equipment! It does not provide a safe position for an unconscious diver at the surface! It has not been designed to keep the face of an unconscious and/or motionless diver above water! Abiding by safe diving protocols and, in particular, the buddy system are important!

This manual cannot in any way replace a course with a recognized instructor. In addition to all the general sidemount courses offered worldwide, you can find a specific TS Sidemount Sytem course, tailor-made with selected instructors. For more information, visit: www.toddy-style.com/training

We recommend to follow a specific TS-Sidemount Course for proper use and equipment configuration of this system. A test dive with the system should be done in confined waters, for example in a pool or shallow open water, using safety precautions.

It is important to carefully adjust the system for each diver before every dive using the procedure described in the next chapter. An inappropriate adjustment might lead to dangerous situations.

Before each dive, a safety check of all the security features of the system should be pursued, making sure it's safe to use and to recognize any defects. Every single component will be described in the following chapters of this manual.

The maximum inflation capacity of the wing should be avoided if possible. Filling the wing to its maximum capacity too often might reduce its lifetime. The requirement of using the full lift capacity of the wing should be avoided by a proper weight adjustment.

The gas used to fill the wing should not exceed 32% of oxygen (ex: 32% Nitrox). It is preferred to use air as a buoyancy compensator gas. The use of gases other than Nitrox, Trimix or air is not allowed.

Any repairs or maintenance that need to be done on the system (beyond the general maintenance and cleaning listed in this manual) should only be performed by the manufacturer or one of the certified retailers. Unauthorized repairs can lead to warranty or product liability loss and could be a threat to the health and life of the user.

The manufacturer is not responsible for any equipment damages or user injuries that occur from improper use or poor maintenance.

FUNCTIONAL ELEMENTS - BACKSIDE

FUNKTIONSELEMENTE - FRONTSIDE



CORRUGATED HOSE

INNER BACKPLATE

WEIGHT SYTEM (FLIGHTSYSTEM)

INFLATOR-BUNGEE

INFLATOR

ATTACHMENT POINT 2, **BELT HANGER**

WAIST BELT BUCKLE

2. FUNCTIONAL ELEMENTS OF THE SYSTEM

2.1 HARNESS

The harness of the TS-System is made out of 4 pieces:

2 shoulder straps: those are on the top of the outer backplate and go through and around the slots provided were they're screwed together (screw M6x10). The screws are secured with Loctite to avoid loosening. After every unscrewing, the Loctite should be replaced. The screws are protected with an elastic cover. At the bottom end, the straps go through the dedicated diagonal slots in the inner backplate. Those straps are secured with the Velcro surface. On the inner-side, at a distance of 3cm, there are sewed colored measure-lines for an easy adjustment fit. To secure the Velcro surface, 2 pieces of elastic webbing are provided, a short one (50mm) and a long one (100mm).

OTHER PARTS ON THE SHOULDER STRAPS:

2 CRANKED D-RINGS (CHEST D-RING) **2 WEBBING STOPPERS WITH EYELET TO SECURE THE CHEST BUNGEE 1 RUBBER LOOP 5MM, SINGLE ON THE INFLATOR HOSE 1 RUBBER LOOP 5MM, DOUBLED ON THE INFLATOR HOSE 1 RUBBER LOOP 6MM, SINGLE 4 ELASTIC WEBBING LOOPS 50MM** 2 ELASTIC WEBBING LOOPS 100MM

2.2 WAIST BELT

The waist belt is secured with the central rivet eyelet on the underside, going through the M-8 screw, in between the wing and the inner backplate.

OTHER PARTS ON THE WAIST BELT:

2 WEBBING STOPPERS FOR THE FASTENING OF THE TIGHTENING BANDS **2 SECURING EYELETS FOR THE SIDEMOUNT TANKS (FASTENING POINT 1)** 2 WEBBING STOPPERS WITH OVAL EYELETS FOR THE REDIRECTION OF THE TIGHTENING BELT 2 WEBBING STOPPERS WITH LOW-PROFILE D-RING (FASTENING POINT 2) **1 BELT BUCKLE** 2 RUBBER LOOPS

ASPECTS TO REGULARLY CONTROL:

secure screws, sealed Velcro, correct position of the elastic covers (photo 1.1), any abnormal wear, abrasion points and/or damage to the webbing.

ASPECTS TO REGULARLY **CONTROL**:

secure waist belt buckle, any abnormal wear, abrasion points and/or damage to the webbing.



2.3 CROTCH STRAP

The crotch strap goes through the central slot on the bottom of the outer backplate and loops around behind, secured with a webbing stopper.

OTHER PARTS ON THE CROTCH STRAP:

1 WEBBING STOPPER WITH CRANKED D-RING 2 SMALL RUBBER LOOPS (8MM) **1 LARGE RUBBER LOOP (25MM)** 1 D-RING + WEBBING STOPPER (SCOOTER D-RING)

ASPECTS TO REGULARLY CONTROL:

secure webbing stoppers, position of the rubber loops, sewing around the scooter D-ring, any abnormal wear and/or damages on the crotch strap.

2.4 BACKPLATES

The outer backplate is made out of a 3mm strong aluminum piece and is color powder coated. On the top are located the slots for the insertion of the shoulder straps and on the bottom those for the crotch strap. On the central axis, 4 holes have been drilled providing different fitting positioning points. On the outer side other holes have been drilled to allow different equipment attachment points (argon tank, O2 tank, aku tank, etc...). On the bottom end, the buttpad is secured to the outer backplate with 2 screws (M6x10).

The Buttpad is made out of a reinforced fibre-plastic and has flat inox hangers on each side for the attachment of tanks or other equipment (attachment point 3). A webbing strap is located in the middle secured with 2 screws (M6x10) for the attachment of the crotch strap.

The screws are secured with Loctite to avoid them from loosening. The Loctite should be replaced after every unscrewing process.

The inner backplate is made out of a 3mm strong Aluminum piece and is color powder coated. Cutouts have been made to reduce weight. In the middle axis of the plate, two central screws are located (M8). In this axis, an extra weight (P-weight) can be added and secured with the screws. On the bottom part, the diagonal slots receive the Velcro part of the shoulder straps. On both side of this plate, premade holes (8.5mm) have been drilled to attach sidemount bungees or additional equipment accessories (Aku-tank, inflation gas, etc...).

ASPECTS TO REGULARLY CONTROL:

secure screws, any abnormal wear and/or damage to the webbing from the weight system.

2.5 WING

The TS-Sidemount wing is made of an inner wing, a corrugated hose with inflator, an over pressure relief valve/dump valve and an outer protective shell with bungees and a zipper. The inner wing can be reached or taken out through the opening of the zipper, for inspection, repairs or replacement. To be able to extract the inner wing completely the inflator and over pressure relief valve must be disassambled.

The bungees and the two elastic bands (for the waist belt), located on the protective shell, have been designed so that the wing remains as close to the body of the diver as possible.

The maximum volume of expansion can be adjusted by altering the outer shell bungees. It is important to notice that higher tension of the bungees will minimize volume size, therefore reducing lift capacity. Make sure you always have enough lift capacity to surface.

The inner wing has a special central fitting to maximize a controlled gas in or out through the inflation device. Cable ties are used to attach the corrugated hose to this fitting as well as to attach the inflator to the hose. A stainless steel wire is located within the corrugated hose as a strain relief. It prevents tearing off the inflator.

3. PRACTICE

3.1 BEFORE DIVING

In general, full operability of the TS-Sidemount system should be regularly monitored. We recommend the following procedures:

- Visual inspection of the wing and harness.
- Check all screws:
 - Secure central M8 screws
 - Secure shoulder strap screws
 - Secure buttpad screws
- Inflator control:
 - Corrugated hose is secure at both ends
 - Inflator buttons are functioning
 - Secure inner stainless steel wire
- Over Pressure Relief Valve (OPRV):
 - Secure OPRV
 - OPRV opens and closes properly with the use of the release cord
- Wing is sealed. Dive buddy can check for any leaking bubbles in shallow water.

ASPECTS TO REGULARLY CONTROL:

sealed wing (perform bubblecheck), any abnormal wear to the outer shell or bungee system, secure/sealed corrugated hose, functioning inflator and control of the maximum air volume.



3.2 AFTER DIVING

Rinse the TS-Sidemount System with fresh water and clean off any foreign debris. Empty the wing of any excess water that may have entered. The residual water can drain out easiest if the system is turned upside down and the gas outlet button on the inflator is pressed.

It is important to thoroughly rinse the system after diving in salt or contaminated water. Unscrew the OPRV to properly rinse the inside of the wing as well. Repeat the rinsing procedure with about 2L of water more than once. After rinsing make sure to firmly fit and screw the OPRV back in place!

The TS-Sidemount System is made out of selected, durable materials, which will last numerous years if well maintained.

The system should be stored dry and in a dark place. Long exposure to UV light should be avoided. There are no specific measures for when storing in a dry and ventilated area. However, when storing the system for longer times in tight places like pantry's, bags, etc... backplates and wing should be separated by releasing the two central M8 bolts. It is important to make sure there is no residual water within the wing before long term storing. To ensure the system is completely dry, separate wing and harness, fully inflate the wing and hang upside down for a few hours. The OPRV should be unscrewed for storing.

4. SYSTEM ADJUSTMENTS

The TS-Sidemount System is delivered fully assembled. There's only the personal adjustments to be conducted by the user. Below lists how to properly adjust the system:

4.1 SHOULDER STRAP ADJUSTMENT

Through the use of Velcro on the bottom end of the shoulder straps, a simple and easy adjustment is possible. The length of the shoulder straps should be so that the top of the wing (insert for the corrugated hose) is located between the shoulder blades and is still reachable with both hands. The top of the outer backplate is just under it and should not be reachable by hand.

The D-rings on the shoulder straps should be located on the front shoulder axis of the body. It is important that the left and right sides are identical. The shoulder strap's length should allow the user to move in and out of the system easily.





4.2 CHEST STRAP ADJUSTMENT

When delivered, the tension of the chest bungee has not been set. It has to be personally adjusted by the user. To set the bungee length, the system has to be worn (wear a T-shirt or light sweater underneath it). The bungee should then be adjusted without it being under too much tension. In theory, the length and play of the bungee should work for any type of dive suit and body type.

While wearing, mark the correct position on the bungee, then take off the system and lay on a flat surface.

Pull the wire piece close to the bolt snap and set length. Make sure to leave about 1cm of bungee behind the wire before cutting. Once cut, melt the excess fabric from the bungee with a lighter to avoid fringing.



Use a pair of pliers to tighten the wire piece. Make sure that there is no sharp edge of the wire is sticking out; if so, fold it into the bungee.

The final step is to move the shrinking tube over the pressed wire and seal it over the bungee by using a heat gun or a lighter. Be careful to only heat the tube and not the bungee! Shrink to a tight fit.



4.3 WAIST BELT ADJUSTMENT

The waist belt should be located just under the waistline. The middle of the waist belt is located where the evelet goes through the M8 central screw. The length adjustment on both sides should be done as followed:

On the left side, the length of the belt can be adjusted by moving it through the buckle. For the adjustment of the right side, move the belt through the buckle and make sure not to have too much slack once closed. We recommend leaving a maximum of 15cm once the buckle is closed. Once the belt has been adjusted and cut, the end webbing needs to be sealed; use a lighter or a heat cutter. The waist belt should have a tight fit while standing, so that it does not get too loose while maintaining a horizontal position during diving.

The two belt hangers (attachment point 2) should be positioned so that they're located just under the wing and still reachable by hand.

The two low-profile D-rings should be located right around the front of the hipbone.

The belt stopper with the oval evelet used for the tightening of the wing should be positioned forward, close behind the low-profile D-ring. This allows a maximum stretch possibility. It goes without saying that the location of the tank attachment points should not get in the way.





The tightness of the elastic band can now be adjusted. With the belt buckle open, about two fingers width between the elastic band and the released waist belt. When the belt comes under tension, so does the preload on the wing. If the preload's too high, the Velcro on the elastic band might open itself. If the preload's to low, the wing will not have enough tension and won't sit tight around the body.



-oPro



Sit.



4.4 CROTCH STRAP ADJUSTMENT

Once the shoulder strap and waist belt have been adjusted, it is time to proceed to the crotch strap. With the system fitted to the body, there shouldn't be more than two finger play between the body and the crotch strap while standing. The crotch strap is there to avoid the system from moving in a vertical position along the body, for this reason a loose fit isn't recommended.

Another possibility is to use the Velcro webbing (Flight-system) located on the inner backplate. Once the two central screws have been unscrewed, the inner backplate can then be turned over. Release the Velcro and move it through the top slot. Now, normal lead weights can be added on to the webbing. Maximum capacity is 4 pieces per side, though these can vary given difference in weight and sizes. Through positioning and placement of the weights, center of gravity (trim) can be altered. Upper and lower body positioning can be balanced. An asymmetric weight distribution is possible, so that even when carrying unbalanced diving equipment on the left or right side, trim is achievable.

This can be very beneficial while diving with Sidemount CCR units.

4.5 WEIGHT INSTALLATION

The TS-Sidemount System allows for various weight installations. One fast way to add weight is to install a P-weight on the middle axis of the inner backplate. Screw in the P-weight using the two central screws (M8). In general, P-weights can be found between 2.5kg and 6kg; P-weights are not included with the system.





The installation of weights alters the distance between inner and outer backplate. Therefore, a variation in central screw lengths is needed. A set of different screws (M8x40, M8x50, M8x60, M8x70) is provided with the system to allow optimal adaption. Make sure that the proper screw length is used. Excess screw length on the inside could cause damages on the diver's suit.

4.6 SIDEMOUNT BUNGEE ADJUSTMENT

The last step is to adjust the length of the sidemount bungees. While maintaining a horizontal position with stretched out arms while wearing the adjusted TS-System, the length of the bungees should form a light arc under the armpit. The maximum distance to the armpit should not exceed four fingers (8 to 10cm).

The length is set by making a simple knot behind the provided hole located on the inner backplate. Make sure to leave a least 5cm of bungee behind the knot to avoid it from loosening! This allows for a fast adjustment of the bungee's length, so that adjustment for other divers or different conditions (thicker suit, undergarment, etc...) is easily done.

This has to be regarded as a preliminary guideline. This adjustment is in accordance with the tank attachment described in the following chapter. Other attachment methods are possible. Always make sure that tanks are sitting in a parallel and horizontal position of the diver's body.

5. TANK ATTACHMENT

The TS-Sidemount System is designed to wear a diving tank on either side of the body (sidemount configuration). It is not developed for the attachment of tanks on the back of the diver (backmount configuration) and should not be used for this purpose.

There are different variations of sidemount configurations. The configurations vary depending on the tanks used, their setup (First stages, hose length, etc...) and influence the procedures utilized during diving. The TS-Sidemount System can be adapted to all different sidemount configurations. A certain configuration has emerged during the development of our system and has proven itself universally applicable and best suited. This configuration will be explained in the following.

To benefit from the sidemount configuration, the diver should attach the tanks once immersed, except if no other option is available. It should be avoided to walk long distances on land while equipped.

5.1 TANK ATTACHMENT – TOP SECTION

To attach the top section, use the bungee provided on the TS-System to go under and around the tank valve.





The sidemount bungee comes from behind, goes around the outer side of the tank's neck and under the hoses situated on the first stage. Subsequently, attach the bungee to the designated chest D-ring. The tank should sit firmly on the body's side with the valve looking towards the front/side.

The valves should sit slightly under the armpit and should be easily reachable by hand on both sides.



5.2 TANK ATTACHMENT – BOTTOM SECTION

To attach the tanks on the bottom section of the TS-System, three options are available:

- 1. The flat hanger located on the low profile buttpad. This attachment point is used for heavier tanks (steels) or when using stages.
- 2. Those located under the wing, the belt hanger. This attachment point is used when diving with smaller or lighter tanks and allows them to sit parallel to the body.
- 3. The low profile D-rings on the waist belt. This attachment point is to be used when the tanks have positive buoyancy. This happens when a lower pressure is reached in aluminum tanks or when diving with a high percentage of a Helium gas (Trimix).

Also, these attachment points can be chosen during the tank attachment process to simplify tank, sidemount bungee and hose routing handling. The tank can sit in an upfront position and is easier to handle. In the beginning of the dive, the tanks can be moved towards another attachment point to achieve a streamlined underwater position.

During the dive, it might be needed to change attachment points so that the tank's trim remains the same while their pressure reduces.

EXAMPLE:

Starting the dive with two 80 c/ft aluminum tanks filled with 200 bar. Bottom attachment point: belt hanger on the waist belt (attachment point 2)

After breathing from the tanks and reaching a pressure of 120 bar, the tank may start to become positive and the bottom of the tank can start to float upwards. For this reason, switch from the belt hanger (point 2) to the low profile D-ring (point 1) to end the dive.

Using the different attachment points, the diver can keep the tanks horizontal and as close to the body as possible for the whole dive. Only then, the full benefits (streamlined position, flat side profile, trim) of the sidemount configuration can be adequately utilized.

Due to the different attachment options and full-range adaptability, the TS-Sidemount System works as the perfect sidemount harness! To thoroughly understand and fully benefit from TS-System's potential it is recommended to complete a course with a certified instructor. Specifically for this reason, the TS-Sidemount course was created by IANTD.

5.3 TANK RIGGING:

To achieve the ideal tank positioning described in the last chapter, the tank rigging of the TS-System plays an important role.

- **1.** Tank valve: we recommend using standard valve for both sides. This ensures there is minimal trouble if changing tanks (no need for special valves). The TS-System does not require right/left tank valves. With the tank attachment procedure described above, all other sidemount configurations can be applied to this system.
- 2. Lower tank rigging: we recommend using the TS-rigging kit (available separately), made out of 2 big eye bolt snaps, 2 pieces 6mm rubber bands and 2 stainless steel clamps. The clamps should have a diameter of 170-190mm and should fit most sidemount tanks.

The clamp surrounds the tank and is tightened with a suitable screwdriver until only one finger fits through the clamp and tank. Next, drive the rubber band through the eye of the big eye bolt snap to form a loop. Make a simple knot at the end of the loop to secure it. From this point, drive the knot between clamp and tank coming from below. Tighten the clamp till the knot is locked-in but can slightly move. The right positioning of the clamp can now be adjusted.

WE RECOMMEND STARTING WITH THE FOLLOWING:

- Height of the clamp, around 30 cm from the bottom of the tank.
- Position of the clamp's screw: opposite from the valve's handle.
- Left tank: position the rubber loop and big eyebolt snap opposite the outlet of the valve.
- Right tank: position the rubber loop and big eye bolt snap right on the axis under the valve outlet.

The clamp can now be tightened in the right position. The position of the rubber loop or the clamp should not move even by exerting stronger force on them.

It's possible that sharp edges of the clamp have to be filed and carved to avoid any cuts or damage to the equipment.

These positions of the lower tank rigging depend of the diver's size (upper body length...). For this reason, these apply as guidelines and an individual fitting should be done in confined water, where exact adjustments can be done.



RIGHT SIDE





5.4 FIRST STAGE: TYPE AND HOSE CONFIGURATION

Like the tank rigging, these components are not elements delivered with the TS-Sidemount System. In the following, we will guide you through our suggested configuration.

1. First stage: we recommend the choice of a symmetric first stage having all outlets towards the bottom. Outlets going up or towards the side have a much higher risk of equipment damage and entanglement on a guideline (cave or wreck diving). Basically, a streamlined guide of the hoses is highly recommended!



- 2. Gauges: we recommend positioning the gauges towards the bottom and parallel to the tank and to secure them with a rubber band. The recommended length of the high-pressure hoses should be between 15 and 20cm
- Inflator hose: we recommend a length of 60 65cm on both sides. The wing is operated via the left tank whereas a drysuit would be controlled from the right tank. The hose guidelines are as followed:

Left side (to the Wing): from the first stage going towards the bottom, in between the body and the tank bungee. Then from behind, over the shoulder towards the front, along the corrugated hose and through the bungees provided. Then connect to the inflator.

Right side (to the Drysuit): from the first stage towards the bottom, towards the bungee loop on the right shoulder strap, then connect to the drysuit. This allows the inflator hose to be guided tight near the body. The remaining length of the hose should be placed between body and tank.

4. Regulator hose: we recommend a length of 100cm for both sides.

Left side hose: from the first stage, towards the bottom, in front of the armpit, back up around the neck ending with the regulator in the mouth coming from the right side of the head. When performing a regulator change, attach the left tank regulator to the chest D-ring on the right shoulder strap.

Right side hose: from the first stage, pull the hose along the chest to the left side of the head, move it around the neck to the mouth coming from the right side. When performing a regulator change, move the whole hose back around the neck and secure the right tank regulator to the left shoulder strap D-ring. The remaining hose should be stored tightly between body and waist belt forming an arch.

This is not the only configuration (tanks, hoses, regulators) that is possible when diving with the TS-Sidemount System.

Alternative configurations can be used but may affect the safe usage of the system. They should first be tried and tested by a certified agency and instructor.

This manual, does not in any way, replace a course by a certified instructor.



6. TECHNICAL SPECIFICATIONS:

- Shoulder straps, waist belt: polypropylene webbing, width 50mm, 3mm thickness.
- Crotch strap: polypropylene webbing, width 50mm, 3mm thickness.
- Backplates: Aluminum AIMg3, 3mm thickness, water-jet cut, powder coated.
- Stainless-steel pieces: V4A quality.
- Inflator Corrugated hose: butyl rubber, length 320mm.
- Corrugated hoses strain relief: stainless-steel V4A
- Over Pressure Relief Valve: techno polymer, fiber-glass reinforced, stainless-steel spring, working pressure 0.25 bar, silicon seal, polyester string 2.5mm
- Bladder: nylon webbing, PU coated.
- Protective shell TS 1, Cordura: Cordura 600, PVC coated inside.
- Protective shell TS 2, Cave&Wreck: PVC coated webbing "Snakeskin"
- Protective shell TS3, Kevlar-SFTech: **1**11 strongest Kevlar polyester webbing
- Inflator head: working pressure 5-11 bar, standard inflator inlet.
- Maximum lift capacity: 130 N
- Maximum recommended tank size: - 2x 12 L Steel
 - 2 x 11L Aluminum (80c/ft)
- Weight (without weights): 11
 - TS 1 Cordura: approx. 3550 gr
 TS 2 Cave & Wreck: approx. 3650 gr
 TS 3 Kevlar: approx. 3800 gr
- Temperature range of use: Minimum water temp. : -1 degree
 - Maximum water temp. : 35 degree

7. DELIVERY STATUS

- Toddy-Style Sidemount System, completely assembled.
- Spare set of screws: 2x M8x50, 2x M8x60, 2x M8x70, 2x M6x10, 2x washers M6, 2x flat nut M6

8. CERTIFICATION

The Toddy-Style Sidemount System in 3 versions, TS 1 Cordura, TS 2 Cave & Wreck and TS 3 Kevlar is certified with "EN1809:2014+ A1:2016" through: FB PSA Prüf- und Zertifizierungsstelle im DGUV Test, Zwengenberger Straße 68, D-42781 Haan

9. WARRANTY AND DURABILITY

Two year manufacturer warranty from the date of assembly. This warranty covers defects of the material and single components of the buoyancy device.

System damages occurring through normal usage is not under warranty.

The durability of the system corresponds to the warranty period. Regular maintenance from a certified dealer can extend the durability period by 1 year.

10. MAINTENANCE

During the manufacturer's warranty period (2 years from assembly date), the system should not require any special service besides the general maintenance listed in the manual. Once this period has past, a yearly inspection should be pursued by one of the authorized dealers to ensure safe use of the system. The guarantied durability of the system can then also be extended. A maintenance chart is provided within this manual to testify maintenance interventions.

11. MANUFACTURER

Sidemount-Explorer UG Glasbergweg 7a 79822 Titisee-Neustadt Germany

TS - Made in Germany Stand: Januar 2018





10. MAINTENANCE

SERVICED BY	SERVICE DATE	NOTES

SERVICED BY	SERVICE DATE	NOTES

TODDY STYLE - HEADQUARTER

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Be BHERO

D'LUNE

sidemount-explorer UG Glasbergweg 7a 79822 Titisse-Neustadt (DE) Cell: 0049 - (0)178-9313591 www.toddy-style.com Equipment: oliver@toddy-style.com Training: toddy@toddy-style.com