

ICERESCUE+
SYSTEMS

RAPID TRANSPORT SLED - R.T.S.

Product Manual

Purchased Date:



Before Use

The techniques employed in the proper and safe use of this equipment may only be learned through *personal* instruction received from an instructor who is well-qualified in all phases of water rescue/recovery operations, specifically R.T.S. usage. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment.

Never attempt its use until you have received such instruction and are believed competent by your instructor.

Use of this User Information Sheet

It is suggested that this user information sheet be retained in a permanent record after it is separated from the R.T.S., and that a copy of it be kept with the Rapid Transport Sled.

It is suggested that the user refer to this user information sheet before and after each use of the R.T.S. – Rapid Transport Sled.

WARNING!

WARNING PROPER TRAINING IS REQUIRED!

- + This product is part of a personal protective, rescue or work support system.
- + You must read and follow the manufacturer's instructions for this product and each component of the complete system.
- + You are responsible for understanding the intended use of this device, and the intended application and use.
- + You could be killed or seriously injured if you do not read and understand the user information before using this piece of equipment.
- + The user of this equipment should formulate a rescue plan and the means at hand to implement it when using this equipment.
- + Special training and knowledge are required to use this equipment.
- + Use and inspect this equipment only in accordance with these instructions.
- + Must insert rubber plug before use!

R.T.S. - RAPID TRANSPORT SLED

SPECIFICATIONS

The Rapid Transport Sled is designed for the special requirements of a trained rescue professional.

Recommended max weight not to exceed 310 lbs.

ENVIRONMENTS of USE:

This R.T.S. -Rapid Transport Sled may be used in **STATIC** water environments including:

+ Ponds + Lakes + Reservoirs

FLOTATION:

Minimum 22 lbs (10 kg)

SIZE:

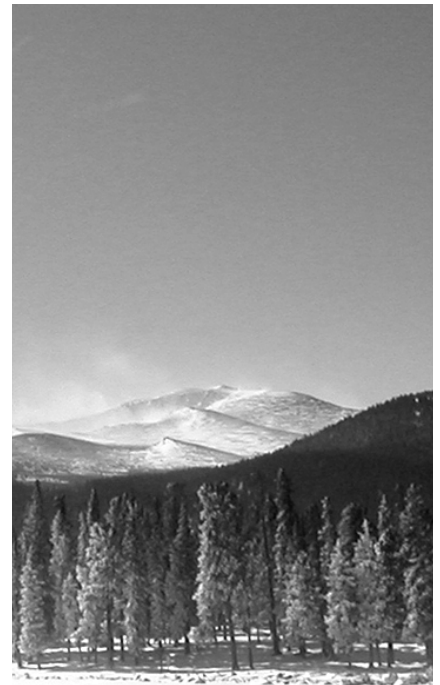
Approximately 60" x 24" x 6"

WEIGHT:

27 lb. 9 oz. with hardware

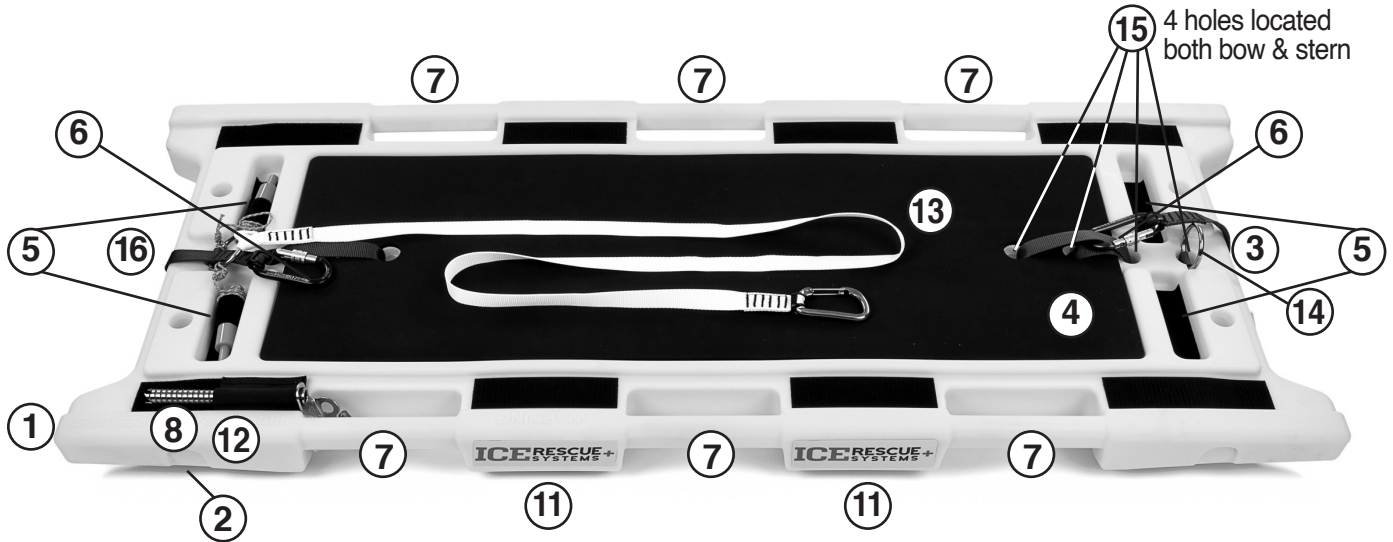
FEATURES:

- + Symmetrical design - simple and highly efficient
- + No inflation necessary
- + Color coded with red and blue bridles
- + In-haul or out-haul capability built in.
- + Tactical Reach Pole System
- + Ice awl placements- both front and rear
- + Evacuation backboard usage
- + In water ease of rescuer movements
- + Low profile design
- + Foam deck padding
- + Ice screw placements on board
- + Multiple victim capable
- + Easily righted, if flipped



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R.T.S. - Rapid Transport Sled



Top - Front View

1. Polyethylene shell – Safety Yellow
2. Plug (See insertion process, page 6)
3. Stern bridle– Red
4. Deck Pad
5. Ice Awls placement wells or finger wells
6. Tether-line attachment points
7. Carrying handles
8. Ice Screw Placement
9. Tactical Reach Pole attachment

10. Pro Recon Sling attachment
11. Reflective Sticker
12. Warning Label Embossment
13. Rescue Tether Strap – High Visibility Yellow
14. Rescue Ring for wire gate sling attachment
15. Port Holes for bridle placement (holes from ring back x4, each end)
16. Bow bridle – Blue



Bottom - Back View

1. Polyethylene shell
2. Runners x 2
3. Multi Sled Channel

4. Webbing placement center port holes (4)
5. Ice/Snow relief channels
6. Bow bridle – Blue webbing
7. Stern bridle– Red webbing

PREPARING THE R.T.S. - RAPID TRANSPORT SLED FOR USE INSTRUCTIONS:

- 1) Inspect Body of RTS for damage to the integrity of the shell or excessive wear.
- 2) **MANDATORY!!** Plug Insertion - Insert Special Plug upon receipt or prior to deployment. See Instructions on page 9.
- 3) Inspect Red and Blue Bridles for damage and excessive wear. Make sure locking carabiners are in place and are in good working condition prior to tether line attachment. See recommended instructions for bridle threading.
- 4) Hi Visibility Yellow strap should be securely attached to ring on the BLUE bridle, using a girth hitch. Make sure the girth lays flat and no twists in the webbing are present.
- 5) Inspect Ice Awls are in place and are securely fastened to R.T.S..
- 6) See how-to video <https://icerescuesystems.com/resources/>

CARE, MAINTENANCE, SERVICE and STORAGE

Before and after each use, inspect your Rapid Transport Sled to ensure that it is in a serviceable condition. Check for worn or damaged parts. Ensure all hardware (D rings, buckles, webbing, awls etc.) are present. Inspect to ensure that all rings/carabiners work properly and that they do not have any sharp edges, burrs, cracks or corrosion. Inspect webbing for wear, cuts, burns, frayed edges or other damage. Inspect all stitching for abrasion, discoloration and wear to ensure integrity. Thoroughly inspect Rapid Transport Sled after any period of extended storage. Store Rapid Transport Sled in a cool, dry, clean environment out of direct sunlight. Do not expose R.T.S. to flame or high temperature environments. Avoid contact with any corrosive or caustic chemical agents such as acids, bases, or petroleum products. Discontinue use of product if it has come in contact with any of the above listed or any suspect chemical agents. Avoid storage and use of Rapid Transport Sled in areas where chemical vapors may exist. Discontinue use of Rapid Transport Sled and remove from service if inspection reveals any unsafe conditions.



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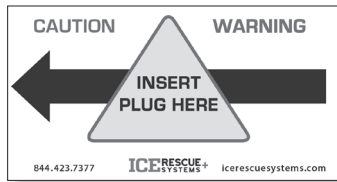
- 1) Wash with fresh warm water in mild detergent after use.
- 2) Hang to dry thoroughly with bridles removed from port holes.
- 3) Store in well ventilated area to prevent dry rot / mold growing on webbing.
- 4) Avoid storing in direct sunlight or in sub freezing temperatures (prolonged exposure to sunlight will deteriorate the polyethylene, webbing, pad, hook and loop).
- 5) Important – do not crush R.T.S. Pad when storing (foam will deform over time if heavy objects are placed on top).
- 6) Do not power wash.
- 7) Inspect R.T.S. Regularly for damage including tears, abrasion, uv damage, broken rings, ice awls, ice screws and damaged webbing. If in doubt contact ice rescue systems at info@icerescuesystems.com
- 8) Recommended bridle / rescuer tether replacement: Webbing should be replaced annually due to potential dry rotting issues. Place orders through Ice Rescue Systems or your dealer of choice.

CAUTION!

- 1) **Use of screwgate carabiners.** Must be **locked**. May NOT easily be unscrewed when frozen or wet. A Locking Carabiner typically requires 2 hands to operate. A Locking Carabiner can jam closed and the spring mechanism can fail in icy water. Both salt and silt suspended in water may cause the locking carabiner to jam closed.
- 2) **Use of wiregate carabiners.** Should be inspected for damage to wiregate and are in good working condition.

Use of wiregate with captive bar feature. Captive bar wiregate is used to keep the ends of the webbing or rings together. The captive bar offers NO load bearing structure. It is recommended the set screw is placed with a thread locker substance, such as Loctite 222® product. This can also be ordered through Ice Rescue Systems.





MANDATORY RUBBER PLUG INSERTION

RUBBER PLUG INSERTION PROCESS

Equipment Required:

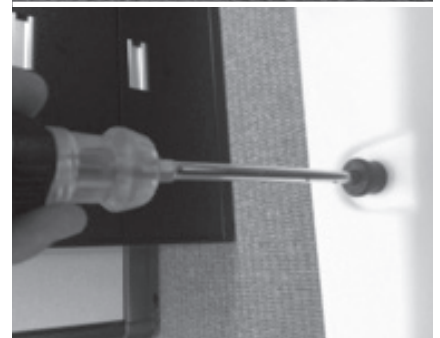
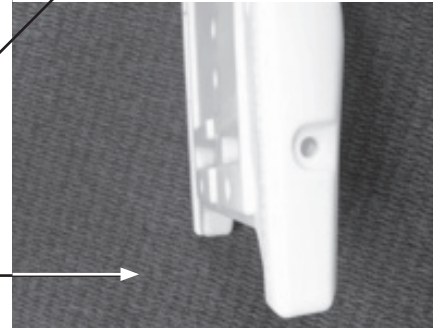
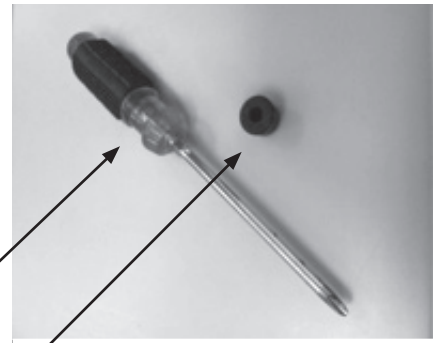
- + Broad Head Phillips Screwdriver or Allen Hex head ¼ or 6mm blunt tip (NOT SHARP)
- + Rubber Plug (Provided)
- + Rapid Transport Sled

Application Process:

1) Place Plug over vent hole on Ice Rescue Sled. Insert Broad Head Phillips Screwdriver or Allen Hex head ¼ or 6mm blunt tip into Rubber Plug Hole. Slowly but firmly apply pressure to plug with screwdriver or Allen Hex head ¼ or 6mm, expanding the plug into the vent hole. Do not apply excessive force that may rupture the plug.

2) Once Plug Flange is snug against plastic surface of Rapid Transport Sled, remove the screwdriver or Allen Hex head ¼ or 6mm.

3) Plug application is complete and Rapid Transport Sled is sealed.



1)

2)

3)

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BRIDLE THREADING PROCEDURE

See How-to Video <https://icerescuesystems.com/resources/>

Equipment Required:

+ Red Bridle or Blue Bridle + Rapid Transport Sled

Threading Process Steps:

Begin by facing the end of the board. This will now be known as the Stern (Red Bridle). Bow (Blue Bridle) threaded on the "Proper Training Required" end of the board.

1) Insert Red Bridle tail into Porthole (1) (rough edge facing you, non-ringed end) as shown in picture 1.

2) Bring end of Bridle up through porthole (2) as shown in picture number 2.

3) As shown in picture 3. Insert tail end of Bridle down through port hole (4) making sure webbing is not twisted and lies flat.

4) Bring end of Bridle up through porthole (3) as shown in picture number 4.

5) As shown in picture number 5. Insert tail end of Bridle down through port hole (2) making sure to insert behind webbing already in porthole (2).

6) As shown in picture number 6. Make sure Stainless Steel ring is securely placed in a keyhole notch in porthole (1) making sure all webbing is secure and flat **NOT** twisted.



1)



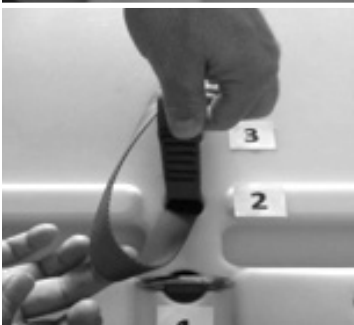
2)



3)



4)



5)



6)

Limited Warranty

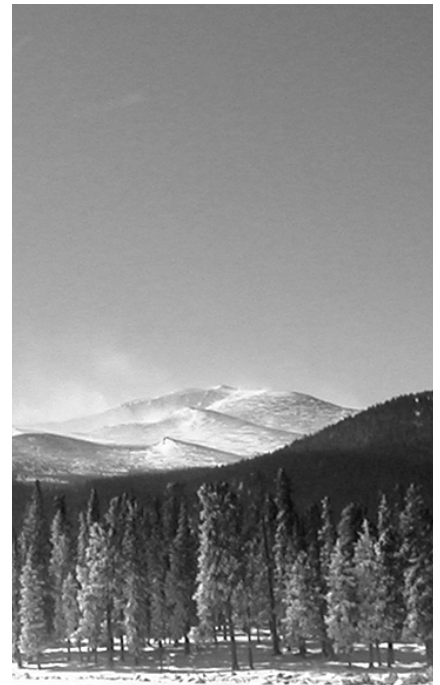
Living Waters LLC warrants for one(1) year from the purchase date and only to the original retail buyer that our products are free from defects in material and workmanship. If the buyer discovers a warranty related defect, the buyer should return the product to Living Waters, LLC. Living Waters LLC reserves the option to repair or replace any product returned under warranty. That is the extent of our liability under this warranty and, upon the expiration of the applicable warranty period, all such liability shall terminate. **Buyer MUST register product with Ice Rescue Systems for warranty to be effective. See “Register Your Product Instructions” on page 9.**

Warranty Exclusions

Living Waters LLC does not warrant products against normal wear and tear, unauthorized modification or alteration, improper use, improper maintenance, accident, misuse, negligence, damage, or if the product is used for a purpose for which it was not designed. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Except as expressly stated in this warranty, Living Waters LLC shall not be liable for direct, indirect, incidental, or other types of damages arising out of, or resulting from the use of product. **Buyer MUST register product with Ice Rescue Systems for warranty to be effective.**

Warning

Products manufactured by Living Waters LLC are intended for use by **professionals trained and experienced in the use, inspection, and maintenance of these products.** Many products which Living Waters LLC manufactures are used in water operational environments which pose a very substantial risk of serious injury or death. You must read and understand all of the manufacturer’s instructions before use. Any person purchasing this equipment assumes the responsibility for seeking proper training in its use. Purchaser also assumes all risk for any injury or damage sustained while using any of this equipment. Failure to follow these warnings increases the risk of injury and death.



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Keep this user instructions/information sheet as a permanent record after it is separated from the R.T.S., and make a copy to be kept with the Rapid Transport Sled.

It is suggested that the user refer to this user information sheet before and after each use of the R.T.S. Do not alter or intentionally misuse this R.T.S. in any way. Any alterations or repairs to this sled should be conducted by the manufacturer only. Use caution when using this equipment around moving machinery, electrical hazards, sharp edges, chemical hazards and high heat environment or flame. Carry the R.T.S. where it will be protected as the R.T.S could melt or burn and fail if exposed to flame or high temperature.

If you have any questions concerning the condition of your R.T.S., or have any doubt about putting it into service contact manufacturer.

Living Waters LLC dba Ice Rescue Systems
P.O. Box 4137 Grand Junction, Colorado 81502
Phone/Fax 1- 844-423-7377 / 970-245-1177 Fax
www.icerescuesystems.com

****Register Your Product Instructions**
<https://icerescuesystems.com/product-registration>

Designed for fire department, SAR, military, industrial and commercial applications.

Usage and Applications

The Rapid Transport Sled is designed to move over snow and ice in **static** water environments for victim transport back to safe and secure ground.

RECORD KEEPING:

It is suggested that the user of this R.T.S. keep a permanent record listing. The date and results of each usage inspection. Such record should show, as a minimum, inspection criteria as written in section maintenance, service, storage.

