NAUTIBUOY™
MARINE

Platform Manual

Important information
It is the responsibility of the owner of this Product to read the instruction manual and instruct all users in the safe operation of this Product and its accessories.

Please read this instruction manual carefully prior to using this Product. Follow instructions while operating this Product. This safety manual is an integral part of the Product and should remain with the Product in the event that it is re-sold or transferred to a third party. NautiBuoy Marine retains the right to modify the safety manual as is deemed appropriate and it is your responsibility to familiarise yourself with any modifications. Please refer to our website www.nautibuoymarine.com for updates.

Due to the nature of this Product and methods for installation, the operator of this Product must possess knowledge of basic seamanship. NautiBuoy Marine recommends the operator of this Product has a minimum standard of RYA day skipper, or ICC (International Certificate of Competency). RYA Power boat level 2 is recommended if towing the Product to be used as Floating Island. This manual assumes the operator has acquired these standards of qualification.

Each Platform size has a different number of users and maximum load. It is important that you familiarise yourself with the specific warnings for your platform size

Warnings

Disclaimer
It is not possible for NautiBuoy Marine to warn you about every possible danger related to the use of the Product. Please use your own good judgement when operating this Product.

The warnings and practices set forth below represent some common risks encountered by users and does not purport to cover all instances of risk and danger. Please use this Product with common sense.

1. General Warnings

- This Product provides no protection against drowning
- This Product is not a life saving device
- This Product is not a flotation device
- This Product is in no case PPE (Personal Protective Equipment)
- This Product is NOT a toy

2. Weather Conditions

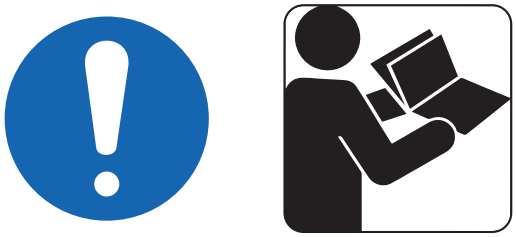
This Product is solely intended to be used in calm water and under great weather conditions. Do not use the Product in one of the following weather conditions, **such use could lead to serious bodily injury or death.**

- Do not use this Product in poor weather conditions, including high and off shore winds, waves, strong or off shore currents or lightning. This may cause the Product to move unexpectedly or turn over and **could lead to serious bodily injury or death**
- Do not use this Product at night, under low light or in poor visibility conditions
- Check weather conditions and forecasts prior to securing the Product to the vessel. Do not use in bad weather conditions and heavy swells
- Weather conditions can change rapidly. Adverse conditions can lead to serious bodily injury or death. Be aware!
- Do not use the Product in heats of 45° Celsius / 113° Fahrenheit or over, or in heats of +1 Celsius/33.8° Fahrenheit or under. Such use can cause damage to the Product.

3. Location of this Product

Do not use this Product in one of the following locations, **such use could lead to serious bodily injury or death**:

- Do not use this Product in shallow water, waves or swell or where other water users are located. This may cause the Product to move unexpectedly or turn over
- Do not use this Product further than 25 meters / 82ft from the shore or in an obstructed area
- Do not use this Product close to submerged rocks and sand bars or where jellyfish, sharks or other dangerous animals are known to be present



Read instructions first

- Do not use this Product in recreational swimming pools or on dry land
- Do not use in white water
- Do not use in breaking waves

4. User of this Product

Do not use this Product in any of the following circumstances, **such use could lead to serious bodily injury or death**:

- Never exceed the maximum number of users for each platform size
- Never exceed the maximum load for each Platform size
  Regardless of number of users on board, the total weight of users and equipment must not exceed maximum load capacity
- Non-swimmer and persons with difficulty swimming should never use this Product
- People unsure of their capacity to swim, injured or not physically able to swim should never use this Product
- Never operate or use the Product whilst under the influence of alcohol or drugs
- Children should never use this Product without adult supervision
- Children should always wear a life jacket while using this Product
- Children should never be left unattended when using this Product
- Elderly should be assisted when using this Product

5. Installation of this Product

The installer of this Product must possess knowledge of basic seamanship and hold the necessary qualifications detailed in Important information above. Failure to do so **could result in serious bodily injury or death.**

The installation instructions offered in this manual are a guideline and are not intended to replace the need for professional installation from someone with knowledge of basis seamanship.

Be aware of the following warnings regarding the installation of the Product failure to follow them **could result in serious bodily injury or death**.

- Follow carefully the instructions provided by this Manual to operate and install this Product
- This Product has been designed only for the purpose of anchoring

or mooring as a floating island or securing to a main vessel, it is not intended nor should it be used for any other activity
- Always install and carry this Product as a team of two or more persons
- Never install the Product against anything other than a smooth surface. Always check before installation that there is nothing sharp or abrasive that could rub against and damage the Product and potentially cause it to deflate
- Never launch, use or recover the Product when the main vessel engines are on. Always ensure engines are shut off and the captain of the main vessel is aware that you are using, launching or recovering the Product in the vicinity
- User should never use an air compressor to inflate this Product. Use of an air compressor may cause the Product to burst
- Never use the Product without adequate Air Pressure - see inflation table "Table of inflation recommendations" on page 4
- Always have 2 connection lines connected to different D-rings for safety. Never use the Product without 2 lines connected in case 1 line fails
- Never leave the Product in the water for extended periods. This may result in the accumulation of marine growth which can damage the Product

6. General use of this Product

Users should be careful while operating or using this Product. Always follow the warnings for use below, such use could lead to **serious bodily injury or death**.

- Before each use, check each part for wear and replace as needed. Never use the Product if there is excessive wear or damage
- Always use the Product with two air chambers. The Platform and the Air Toggle
- Position the users and/or load evenly so they can counterbalance
- Always remove personal items such as rings, watches or other sharp objects before using this Product
- NautiBuoy recommends the use of life jackets (PFD), for all persons using this Product
- Always take care when stepping onto the Product from another vessel/object
- Never jump on or onto this Product
- Do not swim underneath this Product
- Do not swim through or place any body parts though any element of this Product
- Always take extreme care when swimming between the shore and/or towing vessel
- While using this Product, pay attention to any other water users or boat traffic. These may create a wash and cause the Product to move unexpectedly
- Never use whilst in between 2 yachts in harbour
- Always take extreme care when using in harbours
- Do not drag the Product always lift with a minimum of two people evenly spaced around
- Never run on this Product
- Do not smoke on this Product
- No diving from the Product
- Do not jump from the Product if the water is not clear
- When using the Product in the sun, be aware that the sun and its UV rays can cause bodily harm. Wear adequate sun cream, hats and sunglasses
- Never secure tenders to any part of the Product
- Always secure jet-skis to the Product D-rings with 2 separate lines on 2 different D-rings for security
- Never use electrical appliances on the Product
- Never use scaffolding or ladders on the Product

Caution

Do not leave personal effects on top of the Product, such as but not limited to mobile phones & sunglasses. The Product can become unstable and they could go overboard.

7. Specific use of the Product

Towing:

When towing this Product, users should follow the warnings and operating instructions located on pages 35-38, failure to do so could lead to **serious bodily injury or death.**

- Never tow this Product whilst persons are on board, it could cause the persons to fall and lead to serious bodily injury or death
- Never tow when the Ballast Bags are full, it could cause damage to the Product or to the towing vessel

Jet-ski dock:

Never remain on, swim near or around this Product when jet-skis are in operation. It could cause a collision with a jet-ski or bodily parts to get trapped between the jet skis and the Products and lead to **serious bodily injury or death**.

- Always approach the Product on the jet-ski at the slowest speed possible. Failure to do so may result in a collision
- When on a jet-ski, always pay attention for loose straps or dock lines floating near the Products. Failure to do so may cause a collision with the jet-ski

Streaming the Product off the Back of a vessel

- Only ever stream one Product, never connect and stream more than one Product
- Always have 2 lines connected to different D-rings of the Product and secured to the main vessel for safety.

Connection of Products

- For configurations that reach over 6.7 meters/21ft 11" from the main vessel always add a third line between the furthest Product D-ring and the vessel, attach a marker buoy for safety.

8. Transferring between the Product and Main vessel/or other vessel

Transferring between the Product and vessels can prove hazardous. Users should be careful when transferring and be aware of the risks involved. Failure to follow the warnings set out below could lead to serious bodily injury or death.

Note: The following warnings are also applicable when transferring between vessels such as the main vessel and tender / towing vessel- in the following text replace "Product and vessel" with "between vessels"

- Always transfer between the Product and vessel in calm waters. Pay attention to other water vessels creating swell or sudden changes in sea state conditions that may make transferring hazardous
- Take care of any movement and possible entrapment gaps between the Product and the vessel when transferring
- Always bring the Product in close to the vessel before transferring (unless you have a raised transom)
- Never transfer from the main vessel to the Product If you have a raised Transom and are not using Transom Bumpers, the Product can disappear underneath
- Always transfer 1 user at a time
- Only carry 1 Accessory at a time

Contents

Platforms

Congratulations on purchasing your new multi-functional inflatable Platform, designed for the luxury yacht and marine environment.

The Product has been designed with your safety in mind and complies with strict European safety standards (EN 15649- 1-2-3:2012). Any activity on the water can be safe and fun for all. The operator's manual has been provided to help ensure you enjoy the Product in safety. It is intended to alert you to some of the potentially dangerous conditions that can arise by using the Product.

The next pages have specific safety information for the range of Platform Series & Sizes. It is important that you familiarise yourself with the specific warnings and information for your particular Platform.

*Due to design changes and improvements, the figures present in the manual may not exactly depict the Product purchased by the consumer.

Inflation Pressures

Table of inflation recommendations

Product	Minimum pressure required	Maximum pressure permitted	Bravo OV10 pump capability	Stirrup pump capability
Platforms	3.0psi/206mb	5.5psi/379mb	3.6psi/250mb	5.5psi/379mb +
Air Toggles	2.0psi/138mb	5.5psi/379mb	3.6psi/250mb	5.5psi/379mb +

Platform sizes, weights and max loads

Table of different sizes, weights, maximum no of users and max load

Metric

Model Number	Inflated Dimension (all 20cm deep)	Approximate Inflation/ Deflation time to 250MB	Max number of Users	Stowage Dimensions	Weight Out of Bag (kg)	Weight In Bag (Kg)	Max Load (kg)
375	2.5m x 1.5m	1m 30 secs	3	155cm x 30cm x 30cm	20	23	410
525	3.5m x 1.5m	1m 40 secs	4	165cm x 33cm x 33cm	26	29	480
675	4.5m x 1.5m	2m 40 secs	5	165cm x 38cm x 38cm	31	34	600
800	4m x 2m	3m 30secs	5	220cm x 32cm x 32cm	42	46	700

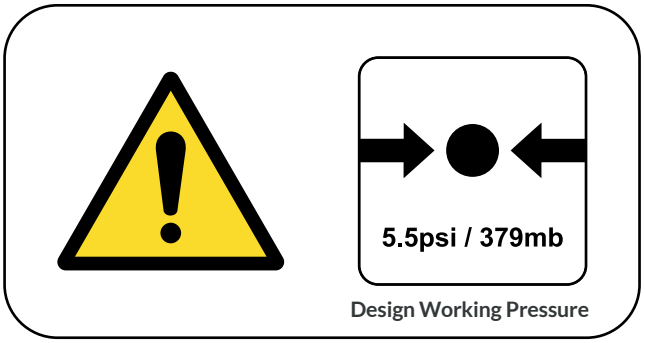
Imperial

Model Number	Inflated Dimensions (all 7.8" deep)	Approximate Inflation/ Deflation time to 3.6psi	Max number of Users	Stowage Dimensions	Weight Out of Bag (lbs)	Weight In Bag (lbs)	Max Load (lbs)
375	8'2"x 4'11"	1m 30 secs	3	5'1" x 1' x 1'	44	50	903
525	11'5.5" x 4'11"	1m 40 secs	4	5'5" x 1'1" x 1'1"	57	63	1058
675	14'9" x 4'1"	2m 40 secs	5	5'5" x 1'3" x 1'3"	68	75	1322
800	13'1" x 6'6"	3m 30secs	5	7'3" x 1'11" x 1'11"	92	101	1543

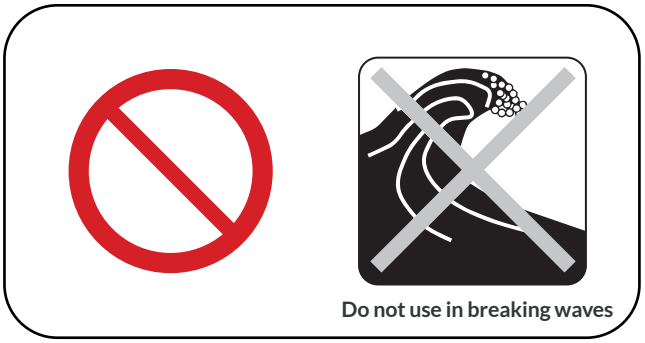
All dimensions, weights and times indicated have a tolerance of plus or minus 5%

375 Platforms

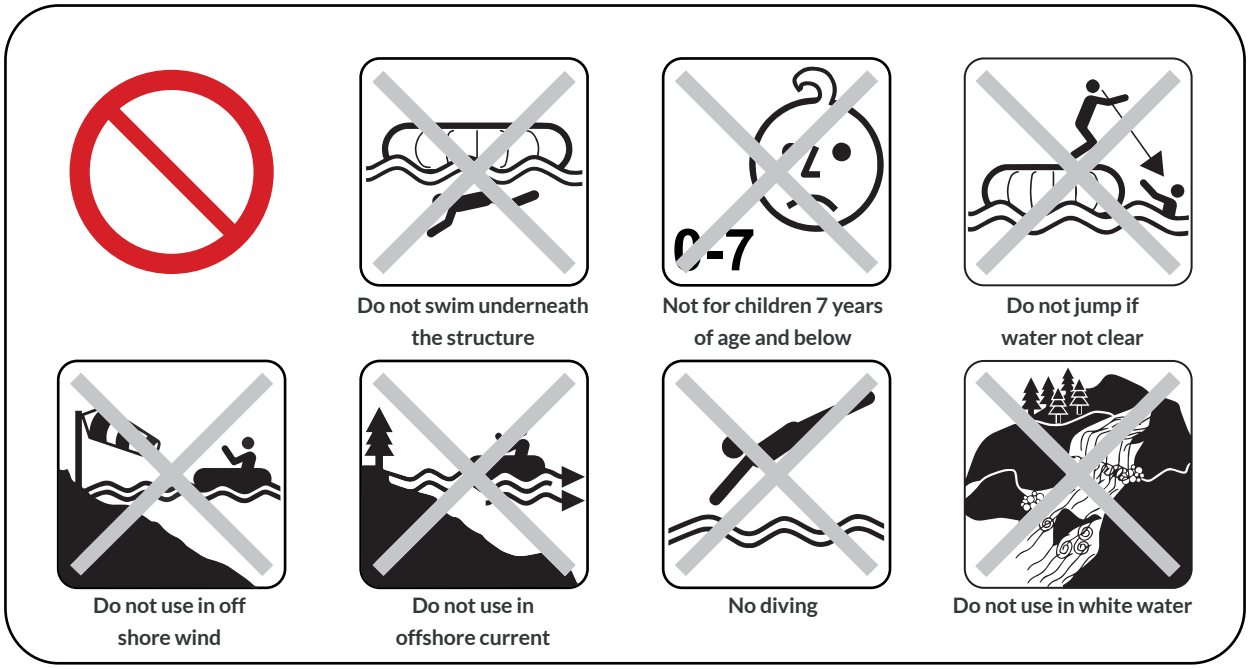
Safety information



Design Working Pressure



Do not use in breaking waves



Do not swim underneath the structure

Not for children 7 years of age and below

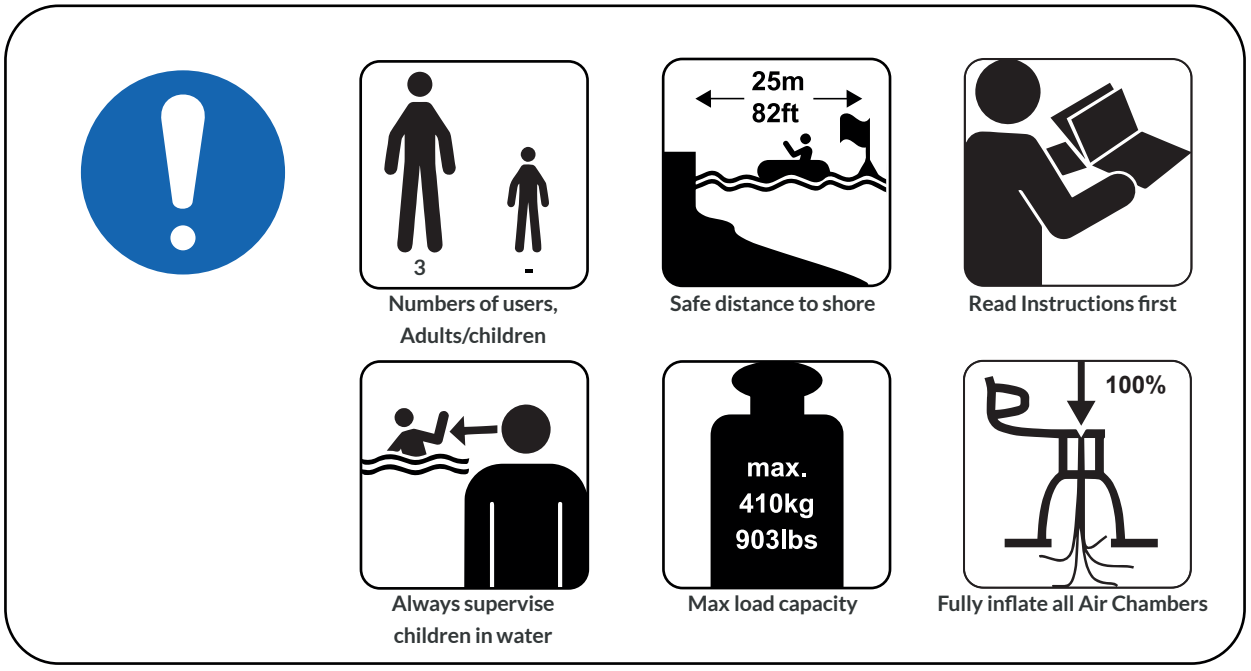
Do not jump if water not clear

Do not use in off shore wind

Do not use in offshore current

No diving

Do not use in white water



Numbers of users, Adults/children

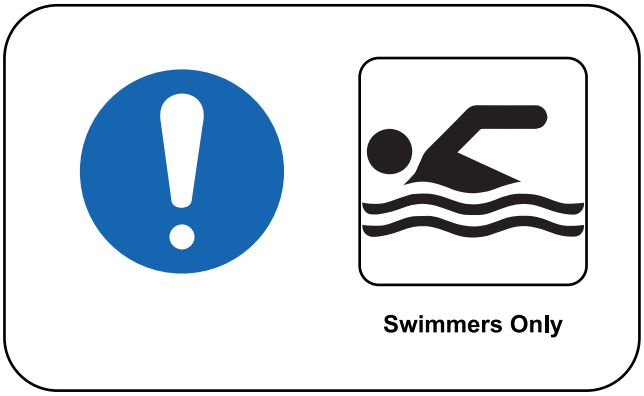
Safe distance to shore

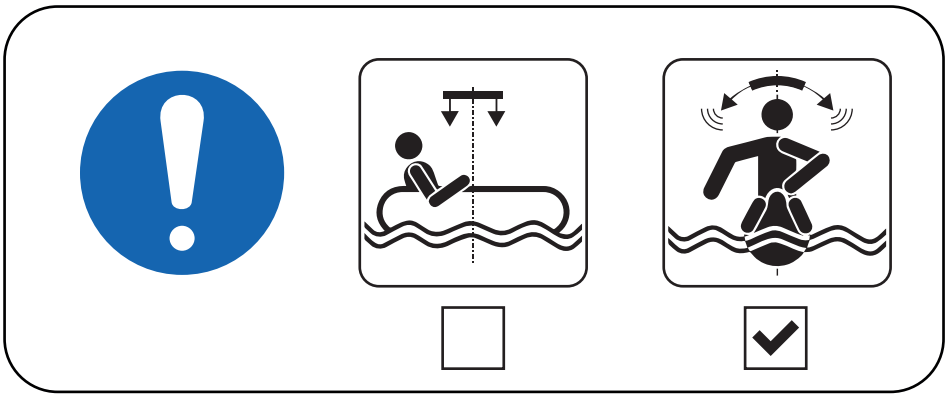
Read Instructions first

Always supervise children in water

Max load capacity

Fully inflate all Air Chambers

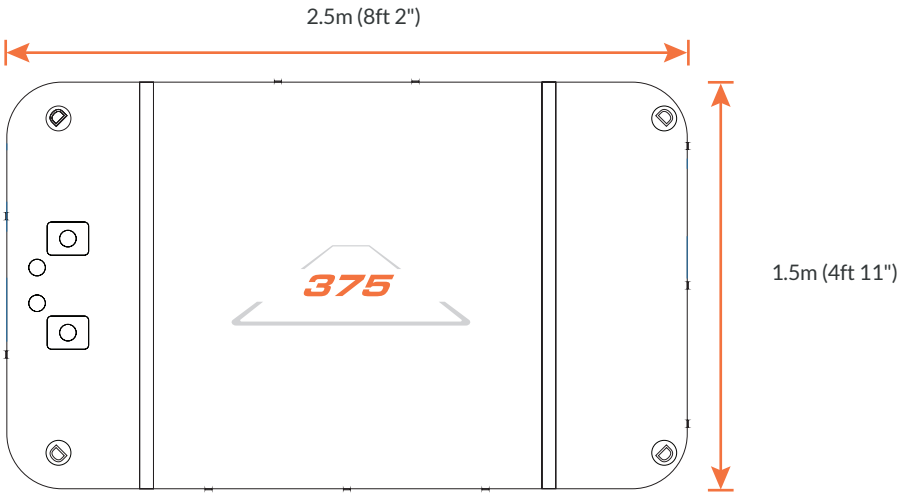




Because this device would not meet the requirements of tests described in 4.3.2.2.2. of EN15649-3:2012 it can not be classified as providing floating stability and is classified as a device that requires balancing.

Diagram of Voyager and Sport 375 Platform

Platform dimensions show inflated size measured from outer sidewalls



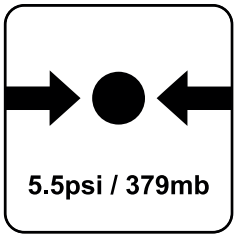
200mm (7.8") Deep

Stowage Size
155cm x 30cm x 30cm
(5'1" x 1' x 1')

525 Platforms

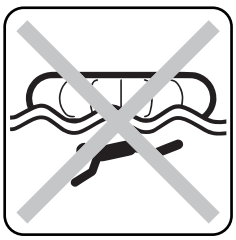
Safety information

525



Design Working Pressure

Do not use in breaking waves



Do not swim underneath the structure

Not for children 7 years of age and below

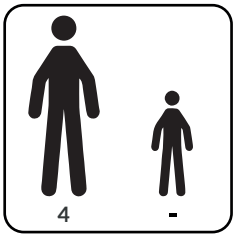
Do not jump if water not clear

Do not use in off shore wind

Do not use in offshore current

No diving

Do not use in white water



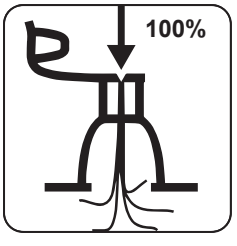
Numbers of users, Adults/children

Safe distance to shore

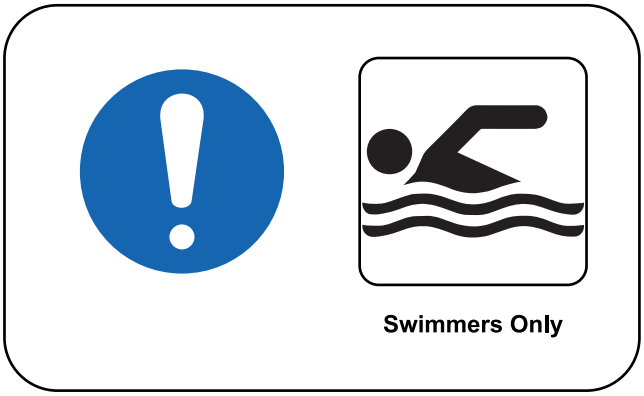
Read Instructions first

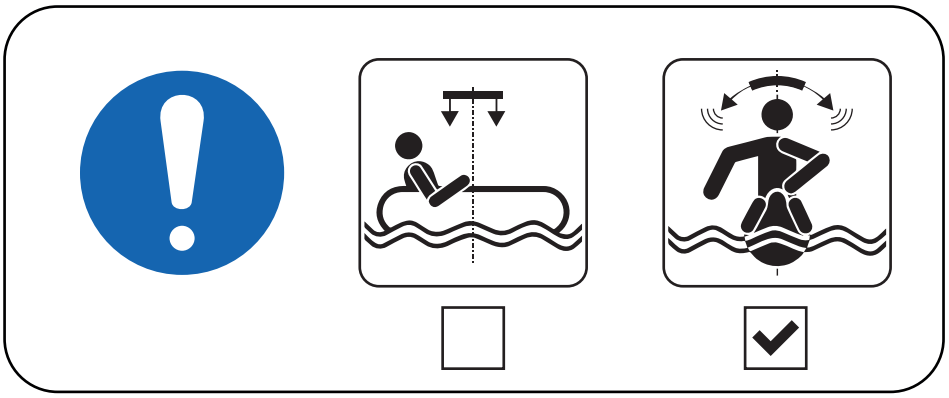
Always supervise children in water

Max load capacity



Fully inflate all Air Chambers

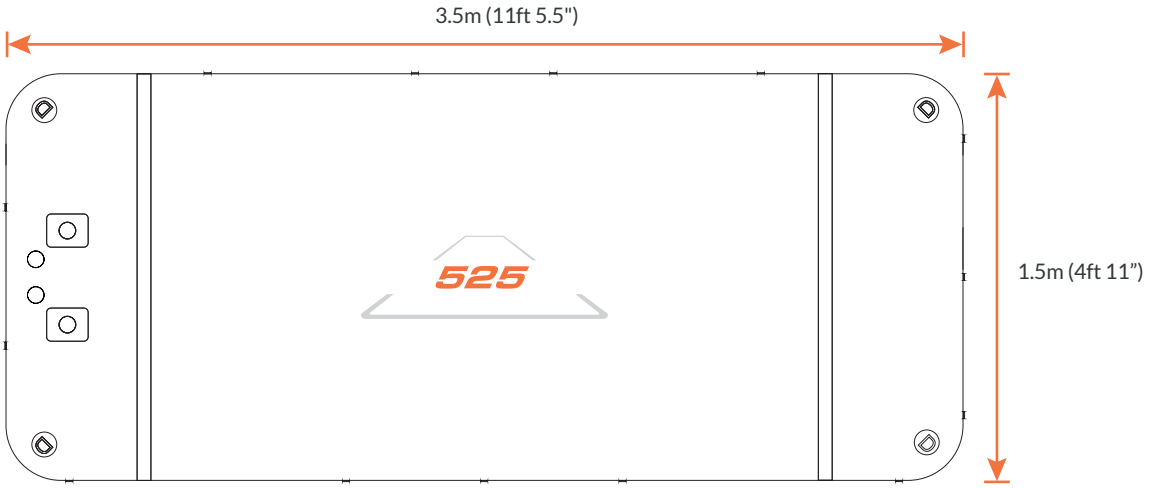




Because this device would not meet the requirements of tests described in 4.3.2.2.2. of EN15649-3:2012 it can not be classified as providing floating stability and is classified as a device that requires balancing.

Diagram of Voyager and Sport 525 Platform

Platform dimensions show inflated size measured from outer sidewalls



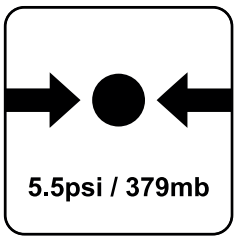
200mm (7.8") Deep

Stowage Size
165cm x 33cm x 33cm
(5'5" x 1'1" x 1'1")

675 Platforms

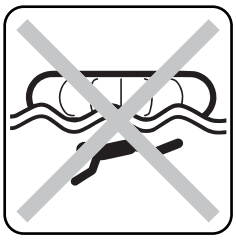
Safety information

675



Design Working Pressure

Do not use in breaking waves



Do not swim underneath the structure

Not for children 7 years of age and below

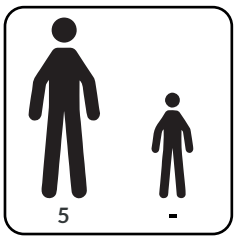
Do not jump if water not clear

Do not use in off shore wind

Do not use in offshore current

No diving

Do not use in white water



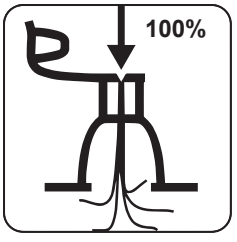
Numbers of users, Adults/children

Safe distance to shore

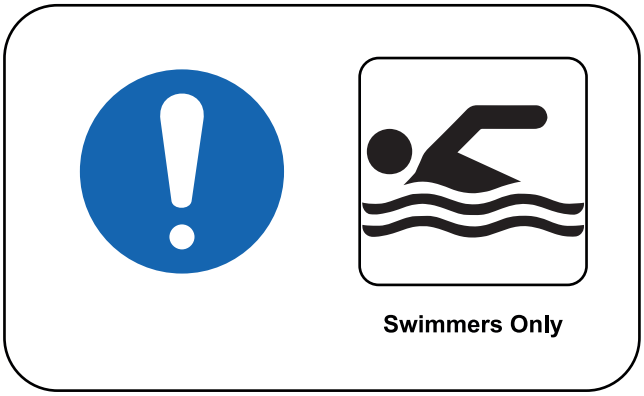
Read Instructions first

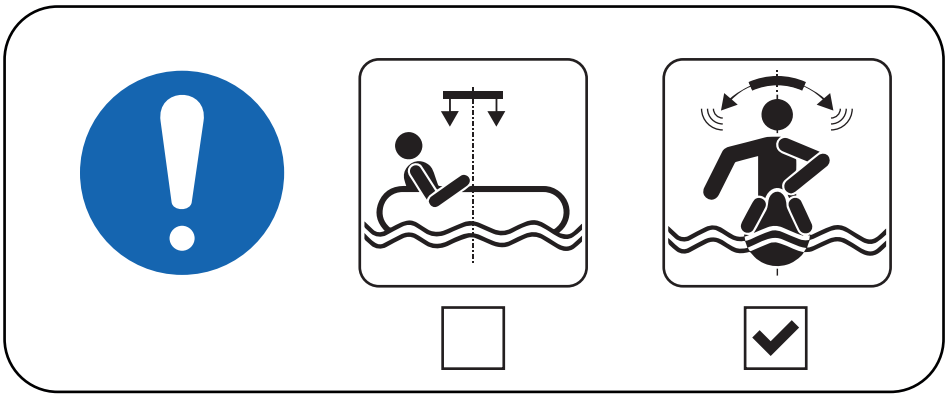
Always supervise children in water

Max load capacity



Fully inflate all Air Chambers

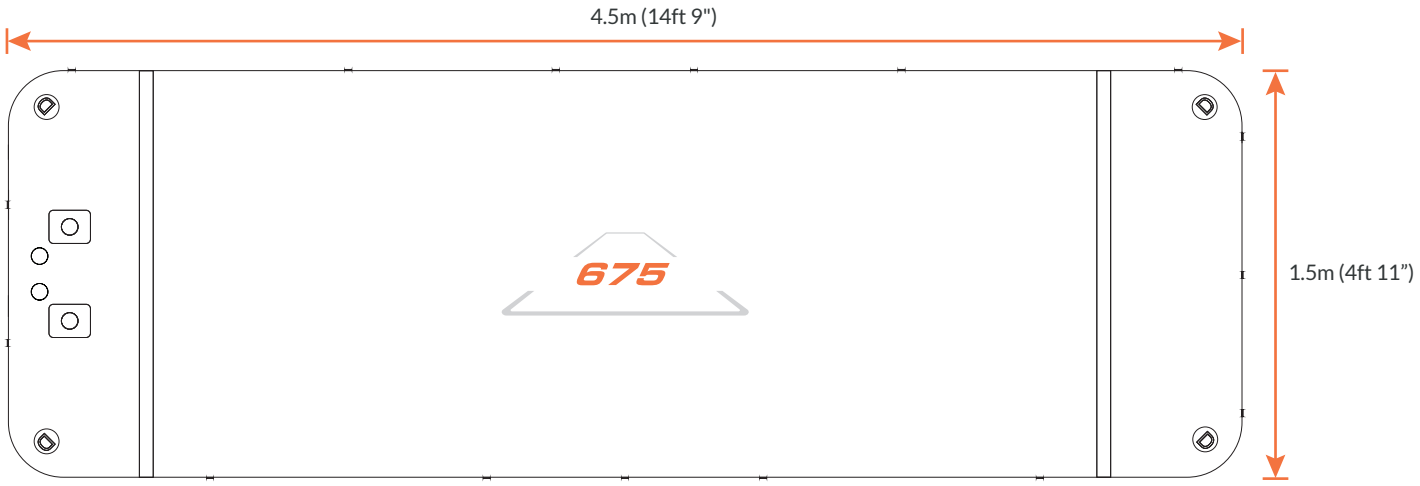




Because this device would not meet the requirements of tests described in 4.3.2.2.2. of EN15649-3:2012 it can not be classified as providing floating stability and is classified as a device that requires balancing.

Diagram of Voyager and Sport 675 Platform

Platform dimensions show inflated size measured from outer sidewalls

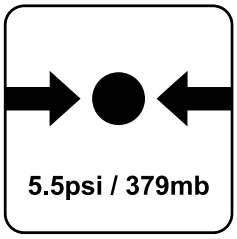


200mm (7.8") Deep

Stowage Size
165cm x 38cm x 38cm
(5'5" x 1'3" x 1'3")

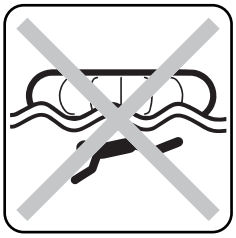
800 Platforms

Safety information



Design Working Pressure

Do not use in breaking waves



Do not swim underneath the structure

Not for children 7 years of age and below

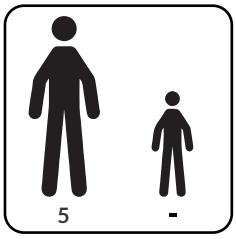
Do not jump if water not clear

Do not use in off shore wind

Do not use in offshore current

No diving

Do not use in white water



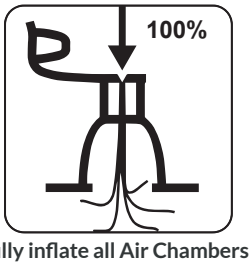
Numbers of users, Adults/children

Safe distance to shore

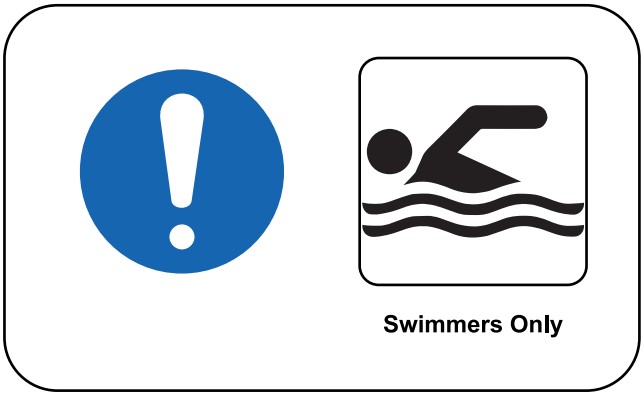
Read Instructions first

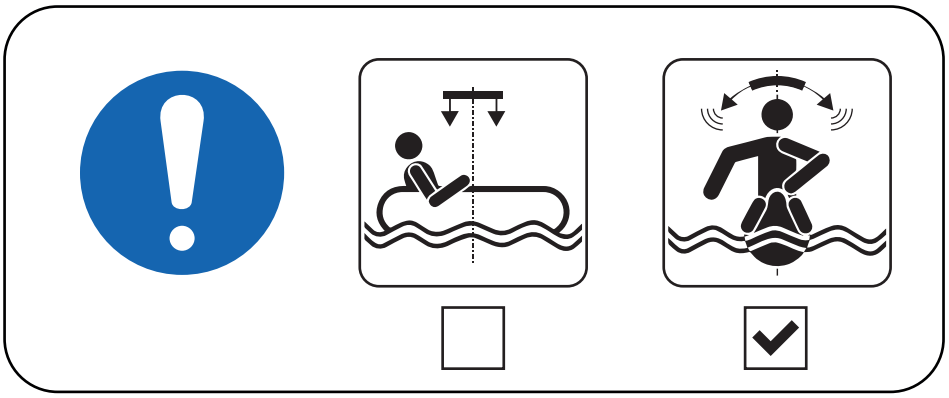
Always supervise children in water

Max load capacity



Fully inflate all Air Chambers

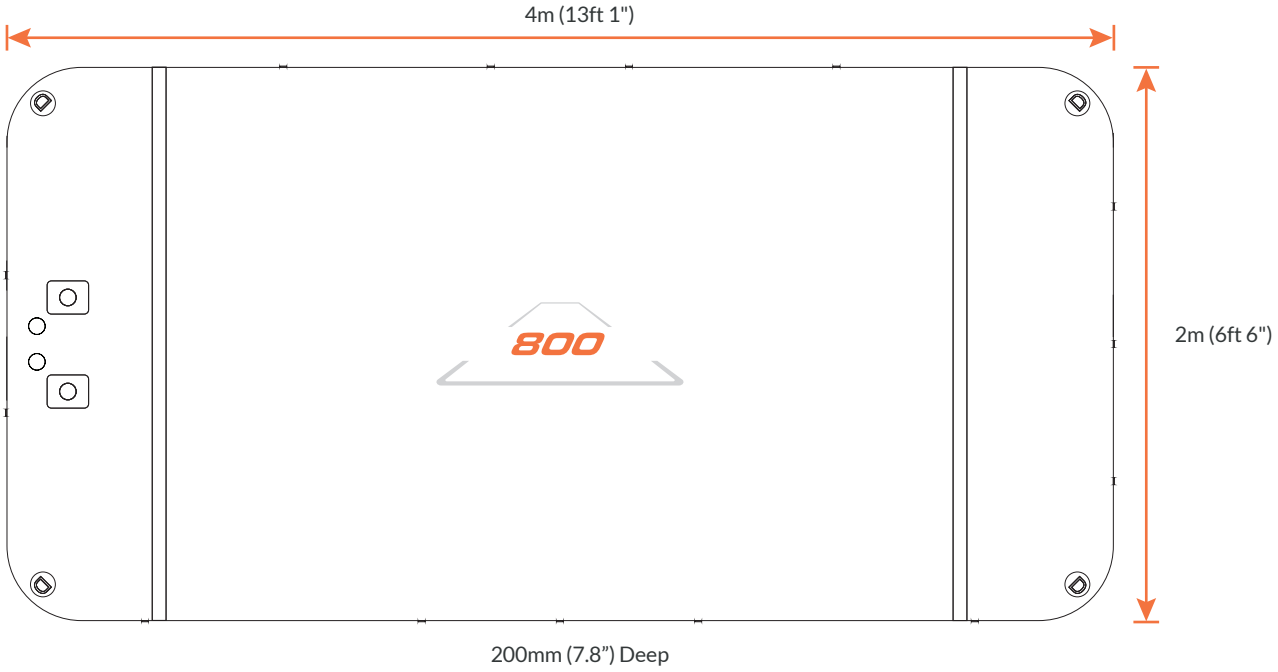




Because this device would not meet the requirements of tests described in 4.3.2.2.2. of EN15649-3:2012 it can not be classified as providing floating stability and is classified as a device that requires balancing.

Diagram of Voyager and Sport 800 Platform

Platform dimensions show inflated size measured from outer sidewalls



200mm (7.8") Deep

Stowage Size
220cm x 32cm x 32cm
(7'3" x 1'11" x 1'11")

Sport and Voyager Series

Product Contents

The Sport & Voyager Series is made up of 9 parts.
The following comes as standard (Fig 1):

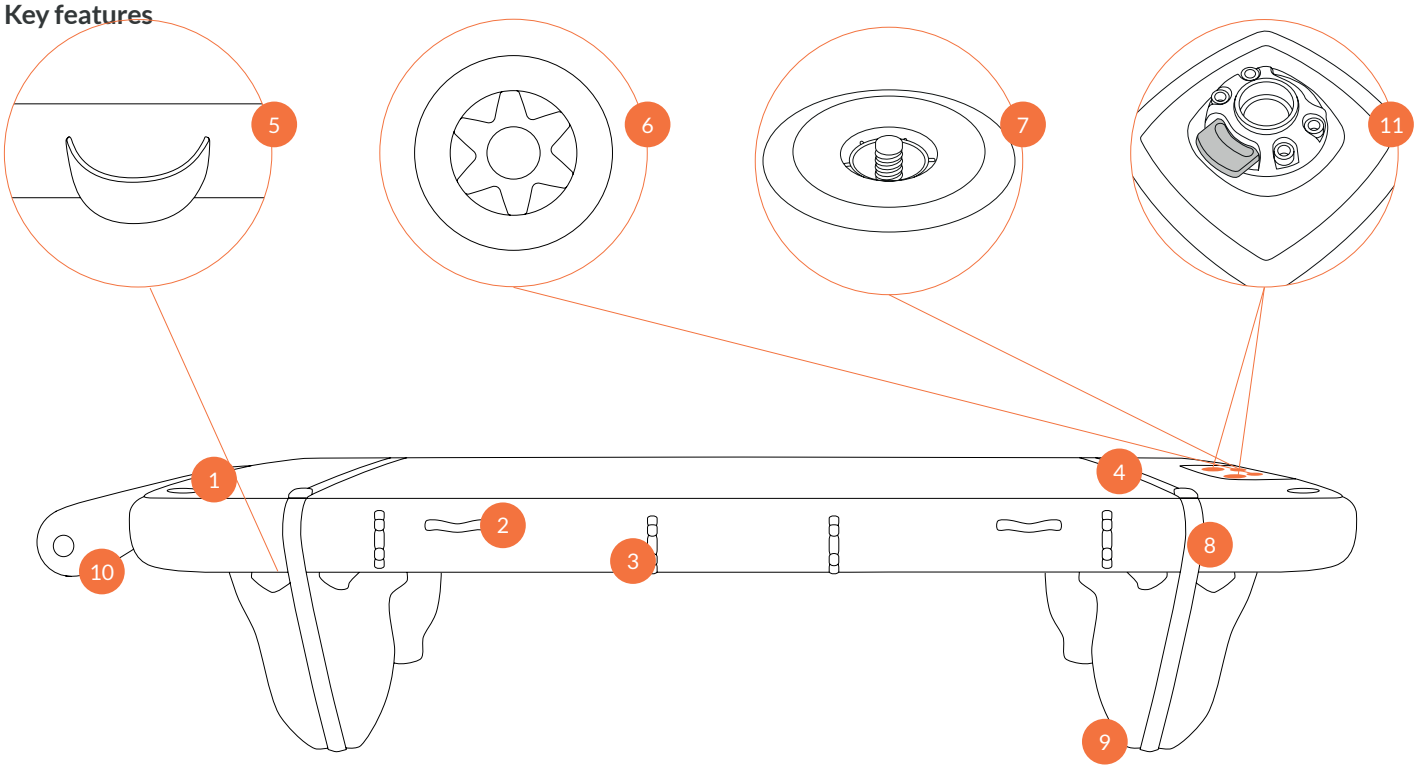
1 x Platform
1 x Stowable zipless protective bag with interior pockets
(no:1 in Fig 1) 1 x Air Toggle (no:2 in Fig 1)
1 x Bravo SUP stirrup pump (no:3 in Fig 1)
1 x Bravo OV10 Pump 3.6psi/250mb (230v or 120v) (no:5 in Fig 1)
1 x Repair kit with instructions (no:4 in Fig 1)
1 x Instruction manual (no:6 in Fig 1)
2 x Connection straps (no:7 in Fig 1)

This Product has been designed for use with the NautiBuoy Ladder, Transom Bumpers and other accessories. For safe installation of the Platform, NautiBuoy Marine recommends the use of the NautiBuoy Ladder.

Fig 1 – Sport and Voyager Series contents

The Platform

Key features



1. D-Rings
2. Horizontal Handles
3. Air Toggle loops
4. Velcro strips
5. Anchor point (under Platform)
6. Pressure release valve
7. Inflation valve
8. Ballast Bag strap
9. Ballast Bag
10. Air Toggle
11. Multi-purpose Platform Mountings (MPM's)

Sizes

375	525	675	800
2.5m x 1.5m (8'2" x 4'11")	3.5m x 1.5m (11'5.5" x 4'11")	4.5m x 1.5m (14'9" x 4'11")	4.0m x 2.0m (13'1.5" x 6'6")

Show inflated size measured from outer side walls

Multi-purpose Platform Mountings (MPM's)

The Platform comes as standard with two Multi-purpose Platform Mountings (MPMs) (Fig 2). These are located at one end of the Platform as seen on the diagram on page 14.

The Multi-purpose Platform Mountings (MPMs) can accommodate and lock in multiple accessories, including the Hose Holders and the Ladder.

Occasionally the locks, after heavy use, can break. Replacement parts and spares can be purchased by contacting NautiBuoy Marine.

Only use bolts provided by NautiBuoy. Bolts that are longer, will pierce the inflatable Platform voiding the warranty.

Information on the operation of the MPM compatible accessories is available within the relevant accessory manual. Manuals are also available on our website www.nautibuoymarine.com.

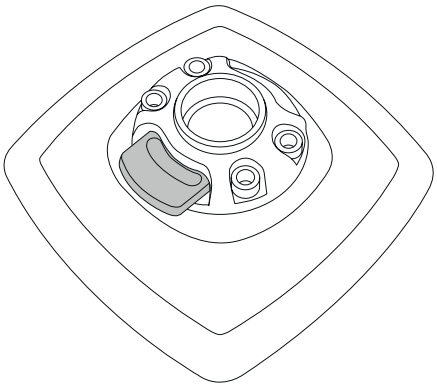


Fig 2 – Multi-purpose Platform Mounting (MPM)

Air Toggles

The Air Toggle's have been designed to serve several purposes.

1. They provide a second air chamber to the Platform for safety.
2. They allow the Platforms to be connected to each other in both T-shape and L-shape as well as side-by-side and end-to-end ("Connecting Products" on page 45) (Sports series connects end-to-end only).

Positioned strategically around the edges of the Platforms, are Air Toggle loops (Fig 3).

These are fastened by a Velcro flap (Fig 3).

Always ensure that all Air Toggle loops that are not being used are kept fastened by the Velcro flap. These may cause a tripping hazard whilst inflating or using the Platform and entanglement whilst in the water.

These are not designed for lifting of the Platform and are for Air Toggle and Ladder support use only.

For Air Toggle operating instructions see page 22.

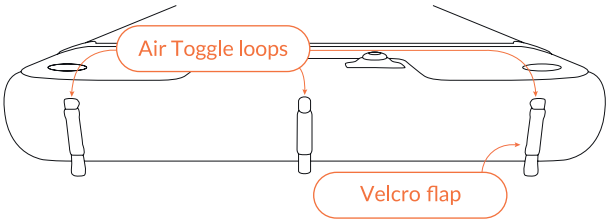


Fig 3 – Air Toggle loops and Velcro straps

To Operate

Operation of this Product requires two or more people.

It is important you familiarise yourself with the following instructions on how to:-

- Operate the Inflation valve
- Operate the Pumps
- Check the Air Pressure
- Lift the Product

There is also some common methods for securing the dock lines.

Theses instructions are referred to throughout the manual.

Warning
Always use the Platform with 2 air chambers (Fig 5).
Never use the Platform without the Air Toggle installed
For full instructions see the To Install section page 21.

Loss of Air Tight integrity
Warning
If for any reason the Platform or the Air Toggle start to loose air and their airtight integrity is lost or compromised, stop using the Product immediately. **Failure to do so could lead to serious bodily injury or death.**

Fig 4 – Platform with Air Toggle

To operate the inflation valve

Inflation valve
In all cases to inflate/ deflate or to check the Air Pressure you will need to prepare the inflation valve.

a) To inflate (valve shut)
1. Locate the main inflation valve. (Fig 5)
2. Remove the cap from the inflation valve by twisting anti clockwise. (Fig 5)
3. Ensure the one-way valve is shut (Fig 6). The white button should be popped out. If it is not (Fig 7) then press the white button in the centre of the valve until it pops out.
4. Always make sure the white button is popped out before inflating. If the button is not popped it will cause the Product to instantly start deflating once the pump is removed.

b) To Deflate (valve open)
1. Follow steps 1 & 2 to inflate.
2. Ensure the one-way valve is open. Depress the white button in the centre of the valve until it stays down (Fig 7).
3. Always make sure the button is pressed down before deflating otherwise a tight vacuum can appear inside the Product which may cause it damage, especially to the Platform when it is rolled.

c) To check Air Pressure (valve shut)
1. Follow the instruction to inflate (a).
2. Never depress the white button in the centre of the valve if it is already popped out (Fig 7) as this will cause the Product to deflate.

d) Replace Valve cap
1. Once you have finished inflating/ deflating or checking air pressure it is important to replace the valve cap on the inflation valve.
2. Replace the valve cap by turning clockwise to secure (Fig 8).

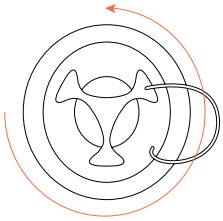


Fig 5 – Inflation valve with cap on, remove cap anti-clockwise

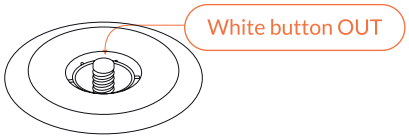


Fig 6 – One way Inflation valve shut (retain air)

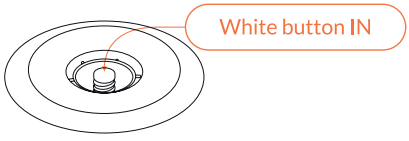


Fig 7 – One way Inflation valve open (release air)

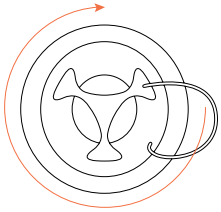


Fig 8 – Inflation valve with cap on, replace cap clockwise

To operate the pumps

Warning
NEVER use an air compressor to inflate any NautiBuoy Marine Products. Air compressors are designed for high-pressure inflation and can cause inflatable Products to burst. Excessive high pressure during inflation can seriously damage the Product and may void the warranty.

Ensure the Bravo OV10 electric pump is not used whilst the user or the pump are wet or in close vicinity to water as it may produce electric shock which **could lead to serious bodily injury or death**.

Instructions for Use
The instructions below show how to inflate and deflate the Product using both the Bravo OV10 pump and the Stirrup pump.

NautiBuoy Marine recommends that the supplied Bravo OV10 pump is used to inflate and deflate the Platform. The Stirrup pump can also be used to inflate/deflate the Platform, it just takes longer and a bit more effort!

The Stirrup pump can also be used to increase the pressure in the Platforms above the Bravo OV10 capacity of 3.6psi/250mb.

The Stirrup pump **must** always be used to inflate the Air Toggles.

Please read the Bravo OV10 Pump and Stirrup pump product manual carefully before use.

Please refer to these instructions where necessary.

Please note allowances need to be made when inflating in hot climates as air expands. All our inflatable Products are fitted with a 5.5psi /379mb pressure release valve to accommodate this.

Inflating/ Deflating with the Bravo OV10 pump

A special adaptor for use with the inflation valves on our Products is supplied with the Bravo OV10 Pump in the box. Fit this on to the end of the inflation hose before use.

Step 1: Inflate or deflate - get the pump ready
The Bravo OV10 pump can inflate or deflate ensure it is in the correct mode before operation. For full instructions see the Bravo OV10 pump product manual.

1. Before plugging to an AC socket, ensure that the Bravo OV10 pump is in the correct mode. Inflate (Fig 9) or Deflate (Fig 10).
2. (a) **To Inflate:** The pump is clearly marked **OUT** where the inflation hose must be attached for inflation (Fig 9).(b) **To Deflate:** The pump is clearly marked **IN** where the inflation hose must be attached for deflation (Fig 10).

Step 2: To inflate/ deflate using the Bravo OV10 Pump
Make sure the inflation valve is prepared to either inflate or deflate as required (see to operate the inflation valve).

1. Insert the nozzle end of the Bravo OV10 pump into the inflation valve and rotate the nozzle clockwise until firmly in place.

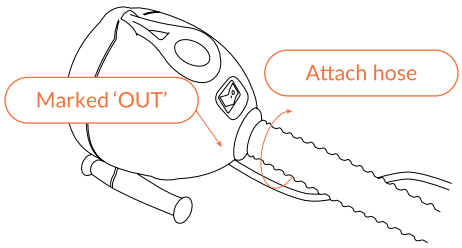


Fig 9 – Inflate (marked **OUT** on pump)

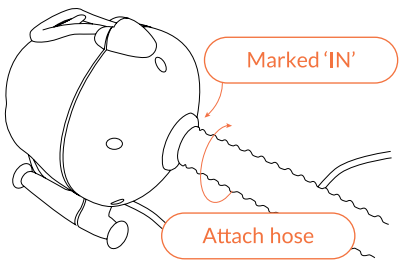


Fig 10 – Deflate (marked **IN** on pump)

2. Do not sit or stand on the Product when inflating/ deflating it. This would apply unusual pressure that may damage the pump and the Product.
3. (a) **To inflate:** Once the Product is cleared, switch on the Bravo OV10 Pump and inflate the Product until the Bravo OV10 pump gives a higher pitched noise. Once you hear the higher pitched noise, switch the Bravo OV10 Pump off. Do not leave the pump running unattended. (b) **To Deflate:** Once the Product is cleared, switch on the Bravo OV10 Pump and deflate. Switch off the pump when all the air has been removed from the Product. It is important to remove all the air from the chamber.
4. Remove the nozzle of the pump from the inflation valve by turning anti-clockwise and unplug the Bravo OV10 Pump from the AC socket.
5. Replace the main inflation valve protective cap to help ensure air tight integrity- see replace valve cap.

Inflating / Deflating with the Stirrup Pump

The Stirrup pump can be used in one of 2 ways: -

1. **On a stable surface** - where the bottom of the pump can be on the floor with both your feet on it to keep it stable
2. **On an unstable surface** – such as connecting 2 Platforms together on the water

The 2 different methods of using the Stirrup pump are given below

Inflate or Deflate? – get the pump ready

The Stirrup pump can inflate or deflate ensure it is in the correct mode before operation. For full instructions see the Stirrup pump instructions for use.

1. (a) **To Inflate**: Ensure the inflation hose is connected to where it is clearly marked 'OUT' (Fig 11).
2. (b) **To Deflate** Ensure the inflation hose is connected to where it is clearly marked 'IN' (Fig 11).

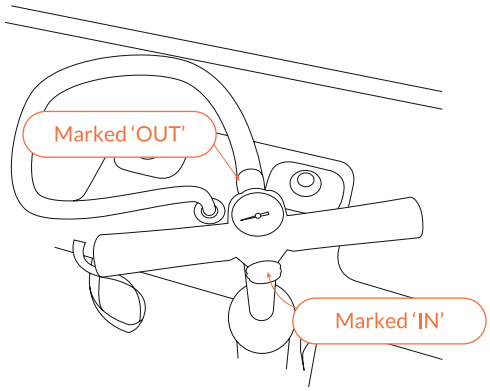


Fig 11 – Stirrup pump - attach inflation hose and pressure gauge

To Inflate or Deflate using the Stirrup pump on a stable surface

1. Make sure the inflation valve is prepared to either inflate or deflate as required.
2. Insert the nozzle end of the Stirrup pump into the inflation valve and turn clockwise until firmly connected. It will lock into place.
3. Do not sit or stand on the Product when inflating/ deflating it. This would apply unusual pressure that may damage the pump and the Product.
4. Once the Product is cleared, using the handle on the Stirrup pump, begin to add or remove air by pumping the handle up and down in a vertical motion, ensuring legs are bent, back is straight and both your feet are on the bottom of the pump to keep it stable.
5. (a) **Inflate**: As more air is added, the pressure gauge dial situated at the top of the Stirrup pump will begin to rise. Once 5.5Psi/379 MB has been achieved, the pressure release valve on the Product will begin to hiss allowing no more pressure to be added. (b) **Deflate**: Finish pumping once all the air has been removed from the Product.
6. When finished, remove the Stirrup Pump by turning the nozzle anticlockwise.
7. Replace the main inflation valve protective cap to help ensure air tight integrity- see replace valve cap.

To inflate (do not deflate) using the Stirrup pump on an unstable surface

Warning: Only ever use this method to inflate the Air Toggle or top up the air pressure to the Platform.

The following steps should be carried out from a kneeling position to ensure you are more stable on the Product on water (Fig 12).

1. Make sure the inflation valve is prepared to inflate.
2. Insert the nozzle end of the Stirrup pump into the inflation valve and turn clockwise until firmly connected. It will lock into place.
3. Hold the Stirrup pump in one hand under your arm so it doesn't touch the Platform and add air by pumping the handle up and down with the other hand.
4. Follow points 5 (a), 6 & 7 above.

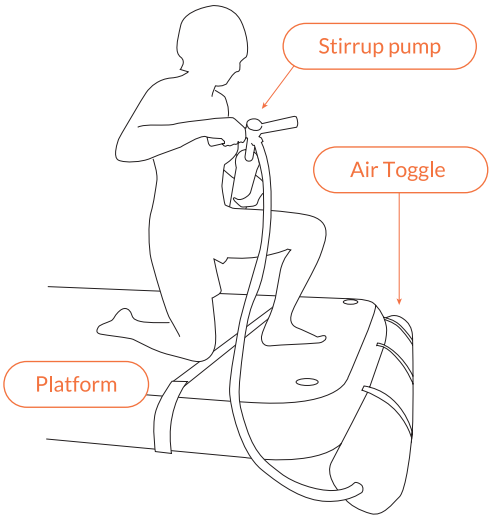


Fig 12 – For an unstable surface use a kneeling position

Checking Air Pressure

You can check for the correct air pressure by using a manometer (not provided) or using the pressure gauge supplied on the Stirrup pump (Fig 13).

Using the Stirrup pump to check air pressure

1. First ensure the one-way valve is in the shut position to inflate.
2. To check the air pressure using the Stirrup pump, first ensure it is in inflate mode.
3. Follow the instructions to inflate using the Stirrup pump on either a stable or unstable surface and monitor the pressure on the pressure gauge (Fig 13).

Using a Monometer to check Air Pressure

If using the Monometer (not provided) follow the instructions of the manufacturer to check the Pressure. Ensure the one-way valve is shut to inflate before using.

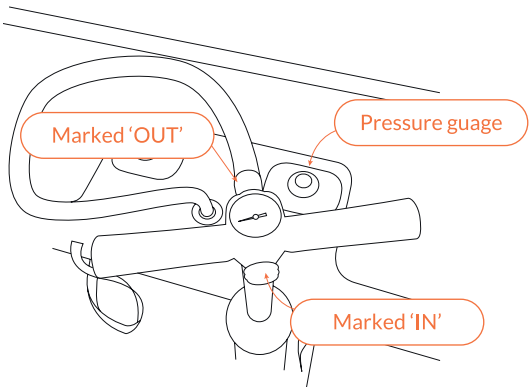


Fig 13 – Stirrup pump - pressure gauge

Lifting the Product

Warning

Never drag or slide the Product before or after inflation. This may cause accidental damage of tearing or abrasion, which could affect the airtight integrity and also void the warranty.

Always have at least 2 people evenly spaced around the Product to lift and carry it (Fig 14).

If you are lifting the Product onto a Jetty or main vessel always lift with the Ballast Bags facing the Jetty or main vessel. Keep the Product clear from bumping into the Jetty or main vessel and hitting anything sharp or abrasive that may cause damage.

When lifting to deploy the Product in water be aware of any deployed Ballast Bags that may catch on things.

Never lift the Product with water in the Ballast Bags.

Never lift the Product with users or equipment on board.

Lifting Manually

Always lift the Product using either the D-rings or Dock line attached to D-rings (All series) or the Horizontal handles (Voyager series only).

Lifting Mechanically

If you are lifting the Product with anything mechanical such as but not limited to, a boat crane or halyard, ALWAYS lift from a connection to the D-rings ONLY (Fig 14), ensure the connection to the D-ring is secure before commencing the lift.

Fig 14 – 2 people evenly spaced around Platform to lift and carry

Common methods for securing the Dock lines

The methods detailed below for securing dock lines are mentioned through these instructions. They are for guidelines only and are by no means intended to replace the knowledge of basic seamanship of the operator when installing or using dock lines.

Tying a cow hitch

1. Push spliced loop of Dock Line through the stainless D ring (Fig 15).
2. Pass the other end of the Dock Line through the spliced loop (Fig 16).
3. Pull all the of the remaining Dock Line through the spliced loop until it is tight (Fig 17).

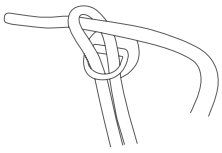


Fig 15 – Cow hitch step 1

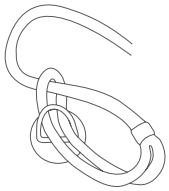


Fig 16 – Cow hitch step 2

Fig 17 – Cow hitch step 3

OXO method

1. Make one full turn around the cleat in a clockwise direction and pull tight (Fig 18).
2. Then on top of the full loop make a figure of eight and pull tight (Fig 19).
3. Make one more full loop in a clockwise direction and pull tight, for added security add one more full loop (Fig 20)

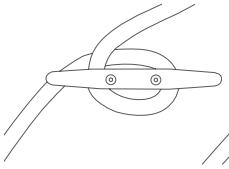


Fig 18 – OXO method step 1

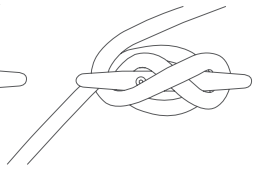


Fig 19 – OXO method step 2

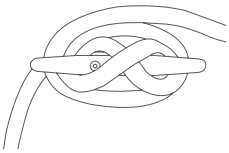


Fig 20 – OXO method step 3

Tying a Bowline

1. At the bitter end form a small loop leaving enough rope for the desired loop size (Fig 21).
2. Pass the bitter end of the rope through the D-ring (or any other loop provided by a shackle, chain or strong point) then through the loop of the knot as though making an overhand knot (Fig 22).
3. Continue around the Standing end (Fig 23).
4. Finally pass the end back through the small loop (Fig 24).

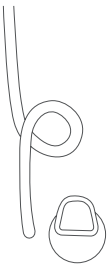


Fig 21 – Bowline step 1

Fig 22 – Bowline step 2

Fig 23 – Bowline step 3

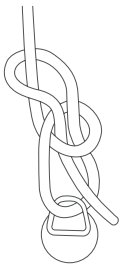


Fig 24 – Bowline step 4

To Install

The following Stages 1 to 5 are to be performed before this Product is deployed in water.

Warning
In the event you want to connect two Products (page 45), ensure that the first Product to be deployed is the one to be secured to the vessel.

Stage 1 : Inflate the Platform

Choose a suitable location

1. Choose a location where the Platform can be unrolled onto a dry surface, free of grease, liquids or sharp objects, with access to an electrical outlet or extension cord if using the Bravo OV10 pump.

   Ideally the set up should be somewhere near to the water's edge where you intend to launch. The space required is dependent upon your chosen Platform size.

Metric

375	2.5m x 1.5m.		
525	3.5m x 1.5m.	**525**	11ft 5.5" x 4ft 11".
675	4.5m x 1.5m.	**675**	14ft 9" x 4ft 11".
800	4m x 2m.	**800**	13ft 1" x 6ft 6".

Imperial

375	8ft 2"x 4ft 11".

2. Once in position, remove the Platform from the bag (Fig 25) and unroll completely (Fig 26), locating the main inflation valve (page 16).

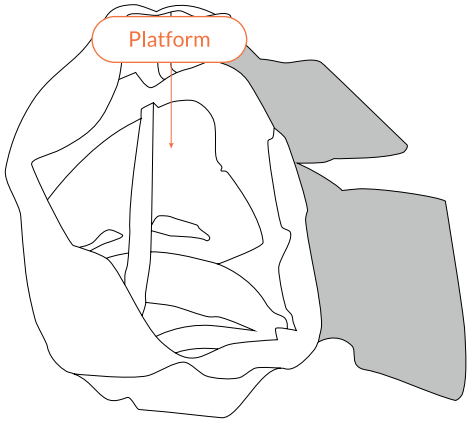


Fig 25 – Remove Platform from bag

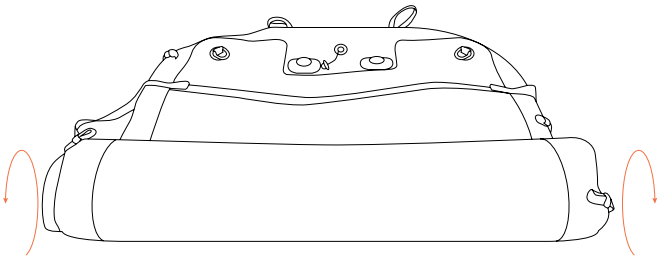


Fig 26 – Unroll Platform

Inflate the Platform
NautiBuoy Marine recommends that the supplied Bravo OV10 pump is used to inflate the Platform. The Stirrup pump can also be used if there is no access to power.

It is then recommended to use the Stirrup pump after the Bravo OV10 has reached its maximum capacity of 3.6psi/250mb to take the Platform to its maximum pressure of 5.5psi /379mb.

Always inflate the Product within the minimum & maximum air pressure. See inflation table below

The approximate inflation times using the the Bravo OV10 pump to 3.6psi/250mb are as follows.

375 1 minute 30 seconds.
525 1 minute 40 seconds.
675 2 minutes 40 seconds.
800 3 minutes 30 seconds.

For full instructions to operate the pumps & check air pressure see page 16 .

1. To inflate the Platform use the Bravo OV10 pump.
2. The Platforms should be firm and rigid when correctly inflated. See inflation table above.
3. To check the air pressure follow the instructions to check the Air Pressure.
4. **The Platform Pressure must not be lower than 3.0psi/206mb.**
5. If you wish to add more pressure up to 3.6psi/250mb use the Bravo OV10 pump again for quicker inflation. If you wish to add even more pressure up to 5.5psi/379mb use the Stirrup pump.
6. Replace the main inflation valve cap after the desired pressure is achieved.

Warning
Once the main body of the Platform has been inflated, the user must attach the Air Toggle to provide a 2nd air chamber for safety (see page 22).

Table of inflation recommendations

Product	Minimum pressure required	Maximum pressure permitted	OV10 pump capability	Stirrup pump capability
Platforms	3.0psi/206mb	5.5psi/379mb	3.6psi/250mb	5.5psi/379mb +
Air Toggles	2.0psi/138mb	5.5psi/379mb	3.6psi/250mb	5.5psi/379mb +

Stage 2: Inflating the Air Toggle

If you are using a Maintenance Cover, skip this step, go to **Stage 3: Preparing the Ballast Bags** to fill then follow the Maintenance Cover instructions beforeinflating the Air Toggle in the following steps.

Warning
The Air Toggle must **always** be inserted through 3 Air Toggle loops.

Always keep the Air Toggle loops not in use securely fastened.

Never inflate the Air Toggle with an Bravo OV10 electric pump, this could lead to **serious bodily injury or death.**

Always ensure the Air Toggle is used on the Platform for safety.

Always ensure the Air Toggle is secured to the Platform before deploying the Product into the water or towing to an anchorage or mooring buoy.

1. At the end of the Platform with the 3 Air Toggle loops, undo the Velcro flaps to release the Air Toggle loops (Fig 27).
2. Feed the deflated Air Toggle into the open Air Toggle loops (Fig 28) ensuring the Air Toggle loops aren't twisted (Fig 30).
3. Also ensure that the actual Air Toggle isn't twisted (Fig 29) and is positioned centrally (Fig 32) rather than off centre (Fig 31).
4. Use the Stirrup pump to inflate following the instructions to inflate on a stable surface. Monitor the Pressure so that a minimum of 2psi/138mb is achieved. It is advised to inflate until you hear the pressure release valve hiss at 5.5psi/379mb.

Are you towing the Product to an anchorage or mooring buoy?
If this Product is not to be towed please go to **Stage 3 : Preparing the Ballast Bags to fill below**.

If this Product is to be towed to an anchorage or mooring buoy, please disregard the following instructions and go straight to Floating Island section (page 37).

For those users inflating on a Jetty the Product must be used as a Floating island or attached to a main vessel. The Product must not be attached to a Jetty or other structure as this may cause damage to the Product.

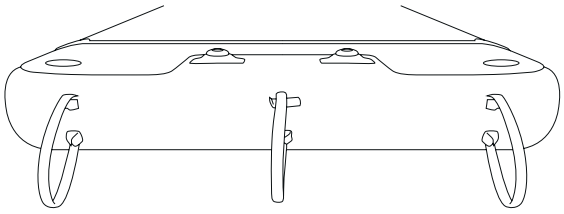


Fig 27 – Undo Velcro flaps

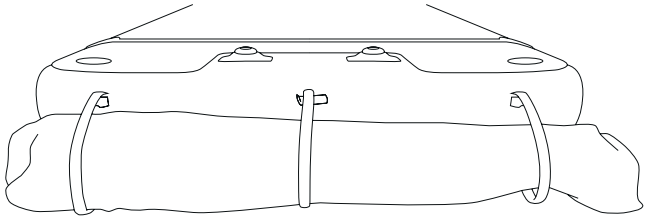


Fig 28 – Feed Air Toggle through loops

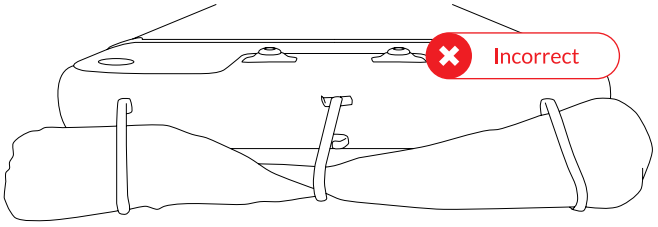


Fig 29 – Do not twist Air Toggle

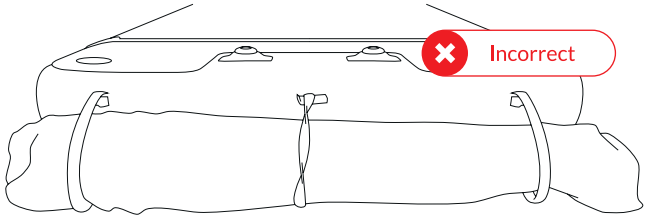


Fig 30 – Do not twist Air Toggle loop

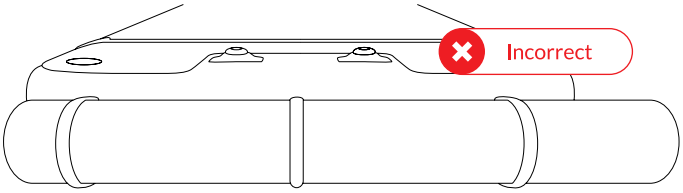


Fig 31 – Position centrally, not like this

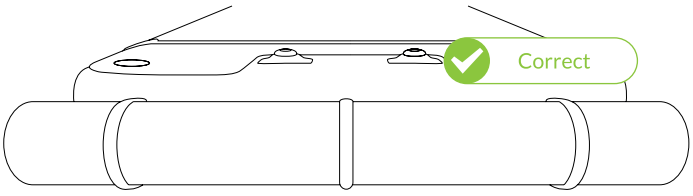


Fig 32 – Inflated Air Toggle

Stage 3: Preparing the Ballast Bags to fill

If the Platform is to be towed to an anchorage then please go straight to Floating Island configuration on page 37 and follow the steps. Do not prepare the Ballast Bags to fill.

The Ballast Bags have been designed to provide the Platform with fantastic stability whilst it is floating in the water.

It is important to ensure that the Ballast Bags are full before users are on board the Platform to prevent capsize.

To ensure the Ballast Bags will fill with water once the Platform has been deployed it is important to follow these steps.

These steps must be followed before the platform is deployed to the water.

1. Place each Ballast Bag in the down position by removing the Ballast Bag strap from the Velcro strip on top of the Platform (Fig 33).
2. Deploy the Ballast Bags and reattach the Velcro on the end of the strap 5cm/ 2" from the end of the Platform (Fig 34).
3. Ensure each Ballast Bags is in the down position and able to fill (Fig 34) and ensure the Velcro straps are secure.
4. Now the Velcro strap is in the correct position, the Ballast Bags will naturally fall into position when the Product is lifted to be lowered into the water.

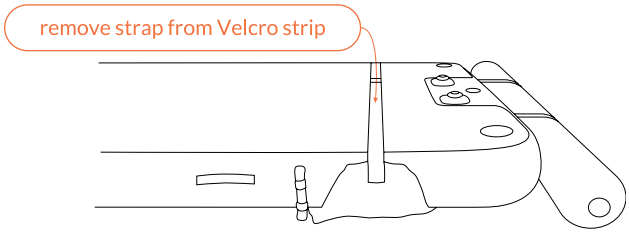


Fig 33 – Ballast Bag up

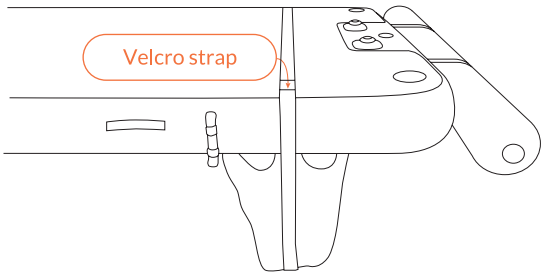


Fig 34 – Ballast Bag down to fill

Stage 4: Securing the Product to the vessel

You can secure the Product to the vessel in preparation of deployment in 1 of 2 ways. Choose the appropriate method of connection for your desired deployment.

4(a): Securing the Product to stream off the back of the vessel.
4(b): Securing the Product across the back of the Transom/to the side of the vessel.

If you wishing to work on the top sides using the Product see separate section:
Attaching the Product to the Vessel with the Suction Cups with cleats on page 31 for full instructions.

Warning

- It is essential that the Product is securely attached to the vessel with 2 connections before use, failure to do so could cause the Platform to float free from the vessel. NautiBuoy is in no way responsible for any damage, injuries or losses due to improper securing the Product to the vessel.
- Always have 2 dock lines connected to different D-rings of the Product and secured to the main vessel for safety.
- Always attach a marker buoy to any of the lines that will be submerged under water to indicate to users in the area.
- Chaffing could occur between the Dock lines and the vessel. Ensure to protect the paint and varnish work of the vessel by using chafe guards on the Dock lines and follow their instructions for use.

The connection methods are given as a guideline only. If cleats aren't available then connect the Product to other vessel strong points only.

You will need

- 2 x NautiBuoy Dock lines or 2 x 8m (26ft), 14mm (0.5") eye spliced dock lines with a SWL no less than 438kg (960lbs) each.
- Marker buoys as required.

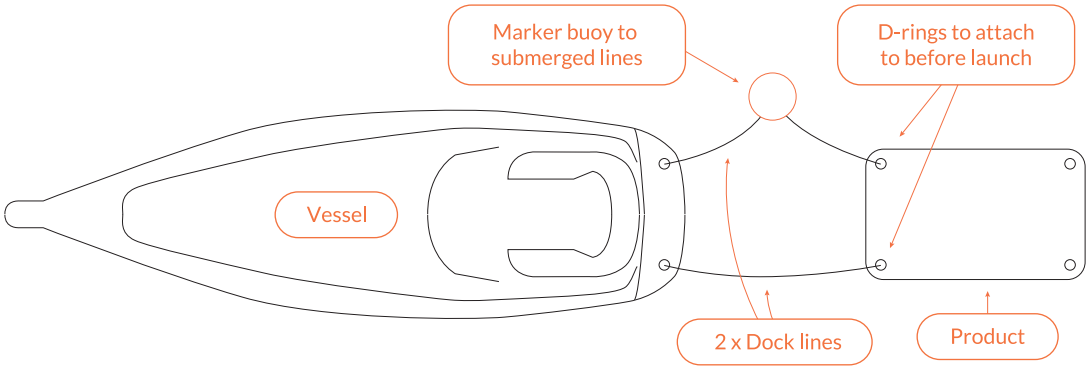


Fig 35 – Streaming off back of vessel

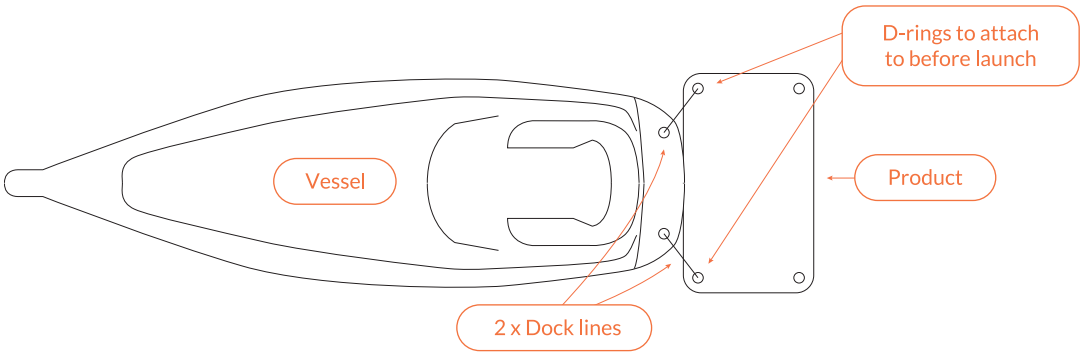


Fig 36 – Securing across the transom

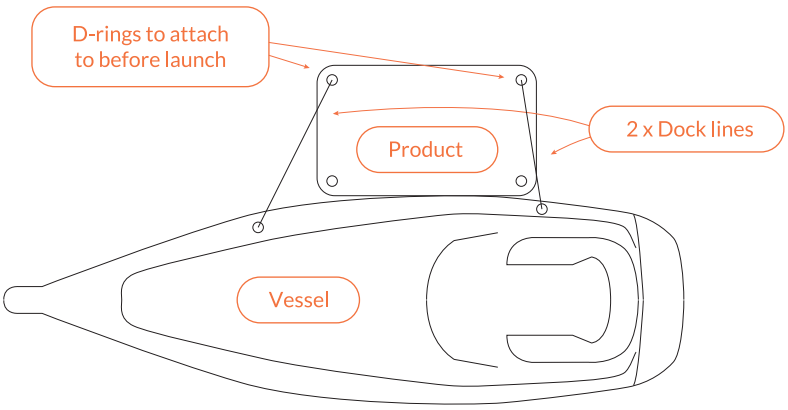


Fig 37 – Securing to the side of the vessel

4(a): Secure to Stream the Product off the back of the vessel (Fig 35)

1. Ensure a Dock line is attached securely to the Product to one of the four D-rings using a cow hitch.
2. For a secondary connection, repeat with the 2nd Dock line to a different D-ring. 2 D rings on the shorter side of the Product work best.
3. Attach marker buoys to the lines, if they will be submerged.
4. Ensure the bitter ends of each Dock line are attached securely to a solid cleat on the vessel, OXO method. This can be done on the same cleat if required and if there is enough room. Alternatively attach to vessel strong points using a Bowline.
5. Go to 5(a): Deployment of the Product in water - Streamed off the back of the vessel. (page 25)

4(b): To Secure the Product across the back of the Transom or side of the vessel

1. **Securing to Transoms**: Choose the side or end of the Product that will sit across the back of the transom and locate the 2 **closest** D-rings on the Product to the vessel (Fig 36).
   Securing to the Side of the Vessel: Choose the side or end of the Product that will sit next to the side of the vessel and locate the 2 **furthest** D-rings on the Product to the vessel (Fig 37).
2. Tie an individual Dock line to each of these D-rings using a cow hitch.
3. Ensure the bitter ends of each Dock line are attached securely to a solid cleat, on the corresponding side of the vessel to each Platform D-ring, using the OXO method or to a strong point, using a Bowline.
4. Go to Stage 5(b) Deployment of the Product in water - Securing the Product across the transom /side of the vessel. (page 25)

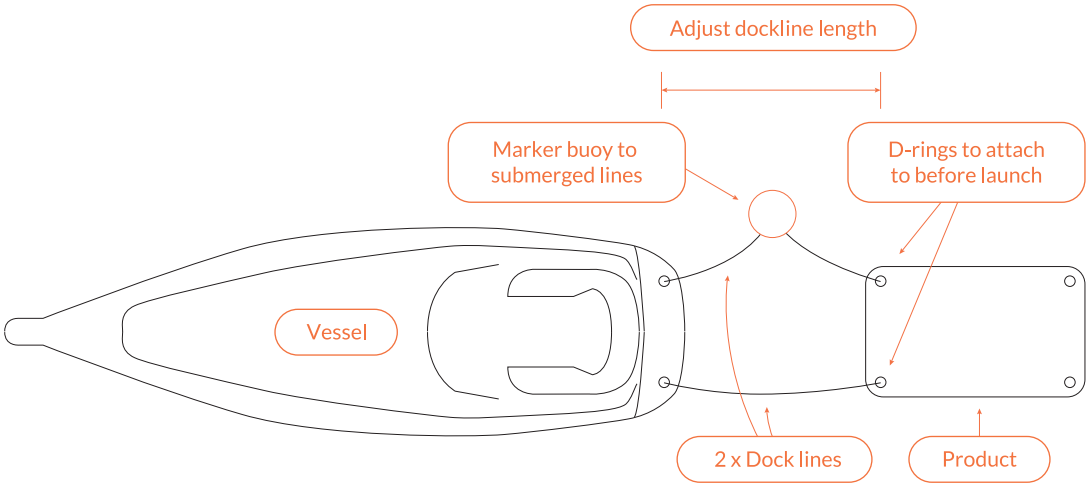


Fig 38 – Product streamed off the back of vessel

Stage 5: Deployment of the Product in water

Warning:

- Do not board the Product before the Ballast Bags are full. Once the Product has been deployed, allow at least 1 minute for the Ballast Bags to fill with water. Before boarding the Product, double check all 4 Ballast Bags are full.
- Only deploy 1 Product at a time. Do not deploy Products in linked configurations.
- When adjusting dock line lengths, adjust one at a time where possible, always maintain a firm grip on the Dock line to ensure the Product does not float away and only carry out this procedure in calm waters.

You can deploy the Product in to the water in one of 2 ways depending upon how you secured the Product to the vessel in Stage 4.

5 (a) Deployment of the Product in water:
Streamed off the back of the vessel

5 (b) Deployment of the Product in water: **Securing the Product across the transom or side of vessel**

Stage 5 (a): Deployment of the Product in water - Streamed off the back of the vessel (Fig 38)

Warning

- Only ever stream a maximum of one Product, never connect and stream more than one Product.
- When streaming off the back of the vessel always allow a minimum length of 3m(9ft 10") of Dock line and a maximum of 7m (22ft 11"), so the Product doesn't come too close to the vessel. Always keep a safe distance away.
- Be aware of other users in the area when determining the length of Dock line to stream.

1. To deploy the Product, have at least 2 people evenly spaced around it to carry it and simply lift and lower the Product into the water. The Product will now be streamed off the back of the vessel.
2. To adjust the length of the Dock lines and distance of the Product from the vessel, undo the end of the Dock lines from the cleat on the vessel (OXO method in reverse) adjust the length and reattach OXO method.
3. We recommend that once the Ballast Bags are full the Ladder be installed immediately to allow users an easier exit from the water. Please see Stage 6: Attachment of Accessories.

If you are attaching further accessories, please follow instructions provided in the Stage 6: Attachment of accessories below.

In the alternative, Congratulations, the Product is ready for use, please go to Stage 7: Transferring between the Product and the Main vessel and/or other vessel for instructions on boarding the Product safely.

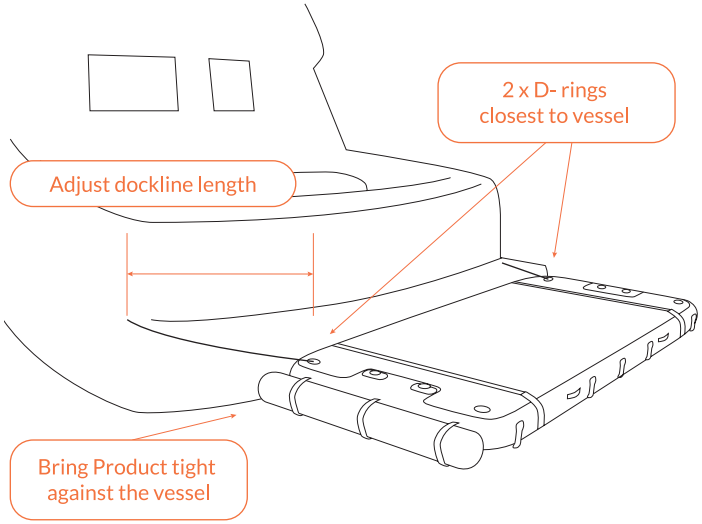


Fig 39 – Product secured across the back of the transom

Stage 5 (b): Deployment of the Product in water -Securing the Product across the transom or side of vessel (if you have a side-boarding ladder)

The guidelines to deploy the Product in the water if you are securing the Product across the transom are very similar to if you are securing the Product to the side of the vessel. They have been combined below for your convenience.

Warning

- Never install the Product against anything other than a smooth surface. Always check before installation that there is nothing sharp or abrasive that could rub against and damage the Product and/or puncture the Product and potentially cause loss of air tight integrity and void the warranty.
- Always ensure the Product is secured tightly against the transom or side of the vessel, making sure to minimize any possible entrapment gap between the Product and the vessel, which **may lead to serious bodily injury or death**.
- Do not board the Product until is tied tightly against the transom or side of the vessel and the Ballast Bags are full.

Warning for transoms only

- Only secure the Product across the transom if the transom is 15cm/5.9" or under off the water line. The Platform is 20cm/7.9" off the water line. The 5cm/2" difference should ensure the Product doesn't disappear underneath the transom in sea movement. As transoms vary in design always assess your particular transom and Product together to ensure the Product doesn't disappear underneath.
- Never secure the Product against the Transom if it can disappear underneath. (Transom bumpers are available for separate purchase)
- For transoms between 15cm/5.9" and 45cm/17.7" off the water line always use Transom Bumpers. (available for separate purchase)
- If you are attaching Transom Bumpers please follow the instructions in the Transom Bumper Manual before deployment of the Product in water.

1. To deploy the Product, have at least 2 people, position 1 person at each end of the Product where the Dock line is attached to the vessel.
2. First ensure that the coil of Dock line between each D-ring and the vessel are picked up before moving the Product. Ensure there is enough length on the line to lower the Product into the water, side of vessel attachments will need more Dock line length.
3. Simply lift and lower the Product in to the water with the D-rings.
   Transoms: The 2 **closest** D-rings of the Product with Dock lines attached should be next to the vessel.
   Side of the Vessel: The 2 **furthest** D-rings on the Product from the side of the vessel should have Dock lines attached.
4. **For side boarding ladders only** – in the next steps also manoeuvre the Product for easy access to the steps but where it doesn't hit against them.
5. Bring the Product tightly against the transom/side of vessel. Firstly undo the end of one of the Dock lines from the cleat, OXO method in reverse, or strong point Bowline in reverse.
6. Adjust the Dock line to the required length pulling the Product tight against the vessel. Reattach the Dock line to the cleat, OXO or strong point, Bowline method.
7. Repeat steps 5 & 6 on the other Dock line and keep adjusting each Dock line using the above method until the Product sits tight against the vessel and in the desired position.
8. If you are joining more platforms in multiple configurations go to Connecting Products section, page 45.
9. If you are not joining Products we recommend that once the Ballast Bags are full the Ladder be installed immediately to allow users an easier exit from the water. Please see Stage 6: Attachment of Accessories.

If you are attaching other accessories, please follow instructions provided in the Stage 6: Attachment of accessories below.

In the alternative, Congratulations, the Product is ready for use, please go to **Stage 7: Transferring between the Product and the Main vessel** and/or other vessel for instructions on boarding the Product safely and also **Stage 8: Using the Product - Safety Notice**, it is important to read the risks involved and be aware of the danger area when the Product is secured to the vessel.

Stage 6: Attachment of accessories

Once the Platform has been deployed, you can start to add the various accessories offered by NautiBuoy Marine, depending on the intended function.

Warning: When Product is secured next to the vessel only

Never attach accessories, unless they are Transom Bumpers, to the Product in the danger area indicated in **Stage 8 : Using the Product – Safety Notice.**

Note:
If you are attaching the Maintenance cover this needs to go on after Stage 1: Inflating the Platform.
If you are attaching the Transom Bumpers they need to go on before the Product is deployed in the water. After Stage 4: Securing the Product to the vessel.

Always follow the instructions provided within each accessory manual for installation before using. Do not use before having read and understood the safety information.

Before attaching the accessories it is important to familiarise yourself with the safest method for boarding the Product with accessories. See Stage 7: Transferring between the Product and the main vessel and/or other vessel.

Please check our website for a full list of available accessories.

Stage 7: Transferring between the Product and vessel

Warning
Transferring between the Product and vessel/s can be hazardous.
Please familiarise yourself with the warnings on page 3.

Stage 7 (a): Transferring to the Streamed Product
You can transfer to the Streamed Product in 1 of 3 ways. Assess which method suits you for safety and convenience.

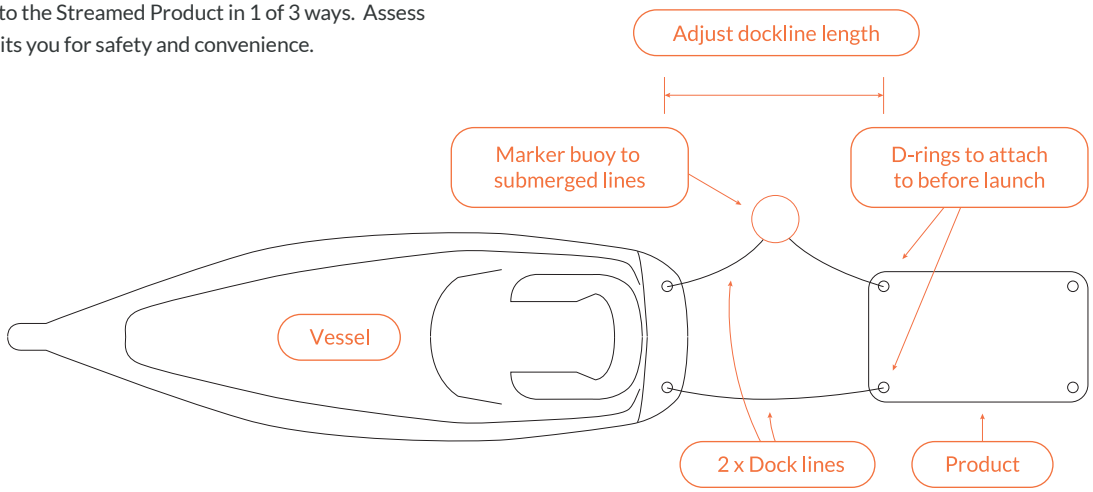


Fig 40 – Transferring to a streamed Product

Option 1. Pull the Product in on the Dock line
This is not suitable if you have a raised Transom higher than 15cm/5.9" off the water line as the Product will disappear underneath the vessel. If you wish to add accessories to a streamed Product and you have a raised transom see Option 2.

1. Pull carefully the attached Dock lines to bring the Product close to the main vessel and secure them both into place using the OXO method, over the top of the existing OXO method connection.
2. Board the Product by simply stepping down, add any accessories 1 at a time, then board any further users that wish to board in this manner. Some of the users may wish to board in Option 2 or Option 3 methods.
3. Once complete, release the secondary OXO method connection on the Docklines you just made to stream the Product away from the vessel again.
4. To remove users and accessories repeat. Stepping up from the Product to board the vessel.

Option 2. Transfer using the main vessel tender/towing vessel
You can transfer accessories and users to the Product using the main vessel tender/towing vessel.
This is suitable if you have a raised Transom above 15cm/5.9" and wish to transfer accessories and also for users who do not want to do Option 3

1. Always follow the instruction of the tender/towing vessel.
2. Before transferring, ensure a line is secured between the tender/towing vessel and the Product and the tender /towing vessel engine is switched off.
3. Board the Product add any accessories 1 at a time, then board any users that wish to board in this manner. Some of the users may wish to board as Option 3.

Option 3. Swim to the Streamed Product
This is suitable unless you need to transfer accessories!

1. The Product has been designed as a swim Platform to easily board from the water. We recommend the Ladder is installed first using the boarding methods in Option 1 or Option 2. Please see the Ladder instruction manual for full instructions. The Ladder is available for separate purchase.

Stage 7 (b): Transferring to the Product secured across the back of the Transom/ Side of vessel

When the Product is secured across the transom/ side of vessel there is the risk of pinch points or entrapment gaps where the Product and the transom/side of vessel meet. See Stage 8: Using the Product- Safety Notice for the risks involved and the danger area indicated.

Never stay in the danger area unless transferring.
When transferring be aware of these risks.

The Maximum height to step down/up from the transom to the Product should be 15cm/5.9" inches depending upon swell.

When boarding from a side-boarding ladder take care of any gap that exists between the Product and the side-boarding ladder.

1. Board 1 user at a time. To board the Product simply step down.
2. Once boarded move away immediately from the danger are indicated in Stage 8.
3. To return simply step back up, 1 user at a time.

Stage 8: Using the Product – Safety Notice

For use on Transoms and Side of Vessel only.

Assess the danger on your yacht.
When the Product is secured across the transom/to side of the vessel there is the risk of pinch points and entrapment gaps where the Product and the transom/ side of the vessel meet. Please read these instructions carefully before using to minimise the risk.

As vessels vary so much in design always carry out a risk assessment on the connection of your particular transom/side of vessel with the Product. Identify any areas that any bodily part could get pinched or trapped between the two, taking into account the movement of both the vessel and the Product in swell when carrying out your assessment.

Transoms only: Sometimes swim platforms extend beyond the transom and create an over hang which can also cause entrapment.

Side of Vessel only: There is also overhang of the side of the vessel as the vessel naturally curves above the Product.

Transom Risk Assessment Example
The Picture below shows the Product secured across a transom. The risk areas are highlighted as an example on this particular transom.

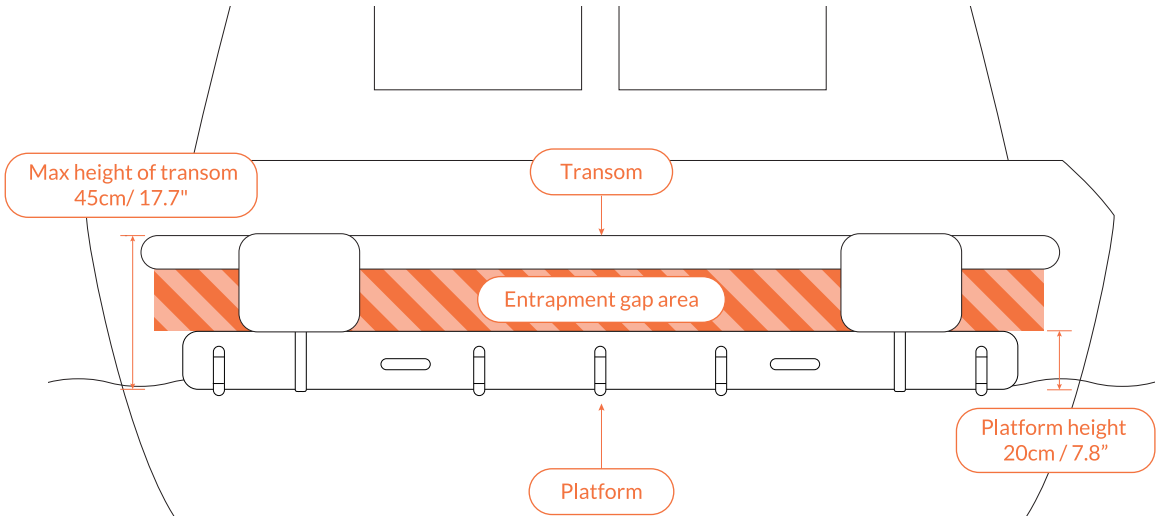


Fig 41 – Entrapment gap area viewed from the stern of the boat

Do not use the Product in the Danger area

Due to the possible pinch points and entrapment gaps NautiBuoy Marine recommends that you never use the area of the Product next to the Transom or side of vessel within 50cm/19.7" of the vessel unless for transferring.

The area is highlighted on Fig 42 as the danger area.

Do not put any accessories in the danger area.

Keep all bodily parts out of this area when sunbathing including but not limited to head, shoulders, arms and legs.

Stage 9: Periodically check the Product air pressure using the Stirrup pump

Warning
Never press the white button in the centre of the inflation valve whilst the Product is on water, this will cause the Product to deflate.

Check Pressure
While using the Product, periodically check its inflation.

Follow the Check Air Pressure instructions on page 16 .

If the Platform or Air Toggle is repeatedly loosing pressure or deflates considerably remove from the water immediately ("To Uninstall" on page 33) and check for any air leaks - see "Stage 1: Finding your Air Leak" on page 59.

Adding extra air
If extra air is required to top up the pressure on either the Platform or Air Toggle, users must never use the electric Bravo OV10 pump whilst on the water. **Always use the Stirrup pump provided** – see to inflate using the Stirrup pump on an unstable surface.

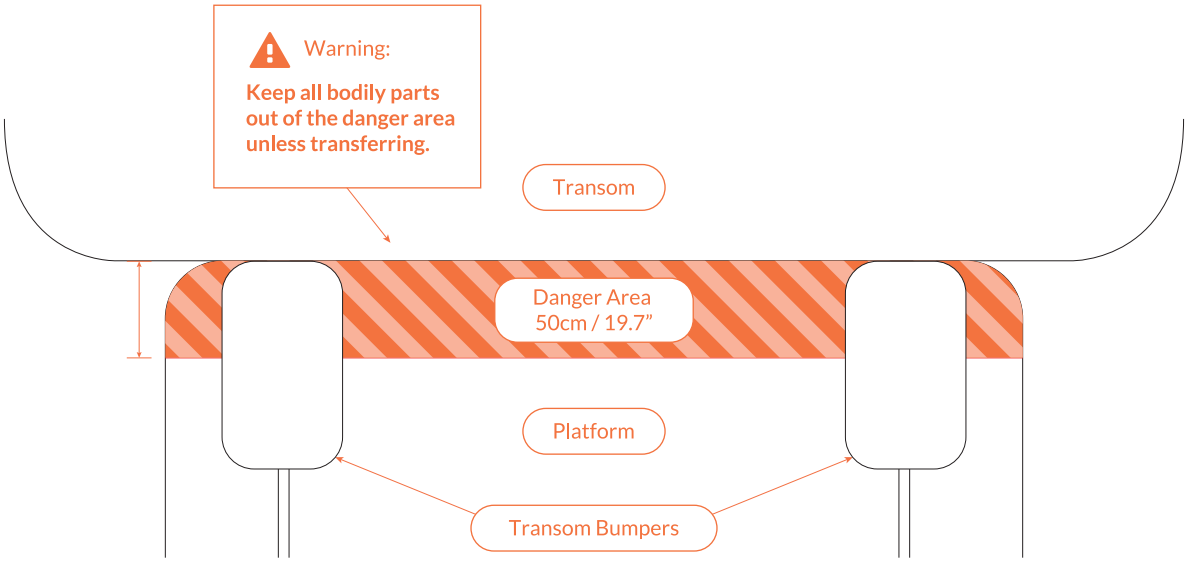


Fig 42 – Danger area viewed from above

Working on the topsides using the Product

Attaching the Product to the vessel with Suction Cups.

If you are working on the topsides using the Product it is recommended that you use the NautiBuoy Suction Cups with Cleats (hereinafter called Suction Cup) and the NautiBuoy Dock line (Dock line).

They are designed to make movement of the Product around the vessel quick and easy.

2 x Suction Cups and 2 x Docklines come as part of every Maintenance Pack & Maintenance Add-on.

The Suction Cups and Dock line are available for separate purchase. Alternatively you can use 2 x 8m (26ft), 14mm (0.5") eye spliced dock lines with a SWL no less than 438kg (960lbs).

Warning

- Suction Cups can fail. Always have a fixed line between the Product (D-ring) and the vessel in case of failure, so you don't drift off out to sea. Periodically check that the Product is securely attached to the vessel and not drifting.
- When moving round the vessel, always keep 1 connection at all times. Always un–attach and reattach 1 Suction Cup or Dock line at a time.
- Ensure to inform the chief safety officer or captain on board that work is being carried out on the water line and ensure correct signage is displayed on the bridge and in relevant areas to your work area.
- Do not use whilst in between 2 yachts in harbour.

Further instructions for use of the Suction Cup and Dock line can be found on their packaging or available to download on www.nautibuoymarine.com

To Install

1. Follow all the instructions to install up to and including Stage 4 (b): To secure the Product to the side of the vessel.
2. Add a further security line from one of the Product D-rings back to the vessel in case of Suction Cup failure – allow enough length for the Product to move easily, mark with a marker buoy if submerged under water.
3. Deploy the Product Stage 5(b) Deployment of the Product in water – Securing the Product to the side of the vessel and add any accessories, Stage 6 , follow Stage 7: Transferring to the Product and read Stage 8 : Safety Notice.

Attach Product to Suction Cups

1. Secure Suction Cup 1 in desired position, release one of the Dock line connections secured to the vessel and attach it to the Suction Cup 1 cleat. (OXO) Repeat with the other Dock line connection to Suction Cup 2.
2. Adjust the length of the Dock line as required, 1 at a time, the Product should stay close to the side of the vessel but not touch it so it can move around easily. (Fig 43)

To move around the vessel

1. When moving round the vessel always un-attach and reattach 1 Suction Cup at a time.
2. Adjust the length of the Dock line on the Suction Cups to the desired length 1 at a time.
3. Always put the Suction Cup in an easily reached position. Do not reach beyond the edge of the Product as you may fall in the water or drop the Suction Cup.

To Uninstall

1. Return the Product to the main vessel transom. Release one of the Dock line connections from the Suction Cup and attach it to one of the vessel strong points.
2. Now the Product is attached to the vessel you can remove the other Suction Cup and follow the Instructions "To Uninstall" on page 33

Fig 43 – Product attached with Suction cup

To Uninstall

Stage 1: Remove Accessories

1. Remove Accessories first. If you have not added them skip to Stage 2: Emptying the Ballast Bags.
   Note : Do not remove the Maintenance Cover until the Product is back on the vessel.
   Do not remove the Transom Bumpers until the Product is back on the vessel
2. Before boarding the Product to remove the accessories see Stage 7: Transferring between the Product and the main vessel.
3. Always follow the instructions provided within each accessory manual for uninstalling each accessory.
4. Follow their care and maintenance instructions before stowing.

Stage 2: Emptying the Ballast Bags

The grey ballast bag straps allow the user to manually empty the Ballast Bags, so the Product can be easily lifted from the water after use.

When the Product is ready to be taken out of the water, the grey ballast straps need to be pulled and attached in the up position in the following manner.

Note : If you have used the Maintenance cover on the Product you will need to empty the Ballast Bags with the cover still on. At point 2 reach under the cover to locate the top of the strap, follow all the other instructions and attach the lower Velcro to the Velcro on top of the cover not the Platform.

Warning:
Care must be taken on the Product, once the ballast has been emptied as the Product will become unstable and could slide on the water. Do not stand on the Product while emptying the Ballast Bags (Fig 44).

1. Before boarding the Product. See Stage 7 : Transferring between the Product and the main vessel and/ or other vessel
2. Get into a kneeling or seated position where you can reach the top of the strap easily (Fig 45). Never stand whilst emptying the Ballast Bags (Fig 44).
3. Release the top of the strap from the Velcro strip on top of the Platform (Fig 44).
4. Pull the strap all the way up until you see the lower piece of Velcro positioned near the Ballast Bag.
5. Attach the lower Velcro securely onto the Velcro strip on the top of the Platform (Fig 46).
6. The Ballast Bag will now be empty and pressed against the side of the Platform (Fig 46).
7. Repeat the process for all four Ballast Bags.
8. Attach the upper Velcro at the end of the strap securely on to the Velcro strips on top of the Platform (Fig 46). Tuck the end under the other strap where necessary.
9. Care must be taken whilst on the Product and when transferring between the Product and the vessel.

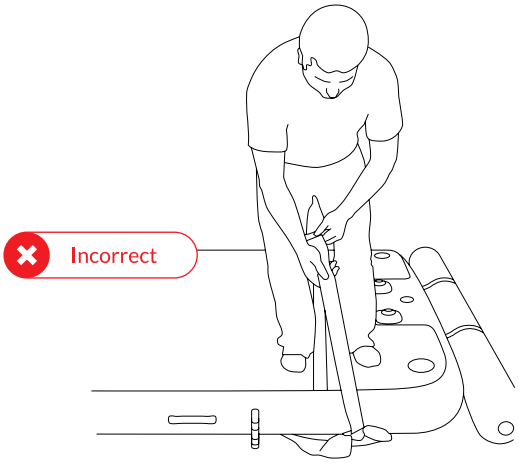


Fig 44 – Never empty ballast while standing

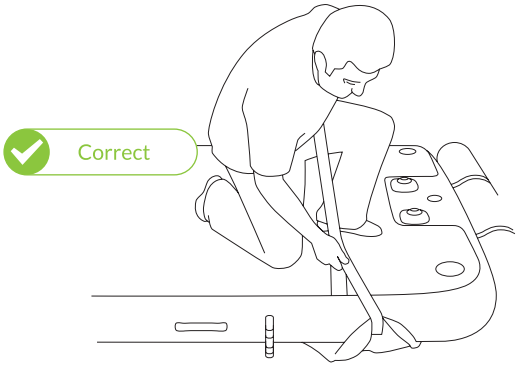


Fig 45 – Release Velcro strap whilst kneeling

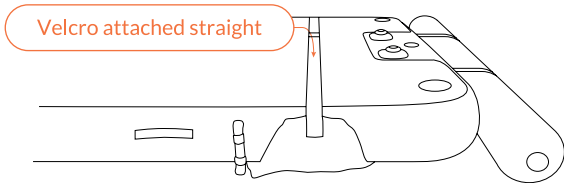


Fig 46 – Attach Velcro strip to top of Platform

Stage 3: Removing the Product from the water

Once all the water has been emptied from the Ballast Bags the Product can be removed from the water.

1. Bring the Product close to the main vessel, Jetty or Platform 1(if removing connected Products) by pulling on one of the Dock lines.
2. Have at least 2 people evenly spaced around the Product to easily lift it up and out of the water.
3. Choose a location which is free of grease, liquids or sharp objects. The space required is dependent upon your chosen Platform size.
4. Once the Product is safely on board, the dock line/s can be released.
5. Remove the Dock line/s from the vessel, Jetty or Platform1. (Connected Products)
6. Remove the Dock line/s from the Platform D-ring/s, cow hitch instructions in reverse.
7. Lift the Product into a location suitable to clean it which is free of grease, liquids, sharp objects and electrical outlets and has enough space to fit the Product.

Stage 4: Clean & Dry the Product

Do not deflate the Platform before it is cleaned and dried.

Remove the Air Toggle from the Platform before cleaning both the Platform & the Air Toggle. It is easier to clean the Air Toggle if you re-inflate it separately.

Prolonged exposure to salt water can damage and may shorten the expected lifetime of the Product. To reduce these risks always rinse the Products after every use with soap and fresh water and allow to dry before storing.

For full instructions on the care of your Product please refer to the Care and Maintenance section on page 58.

Stage 5: Platform deflation & storage

Deflation

Always ensure the Product is put away clean and dried. Once the Product is fully dried it can be deflated.

It is recommended to deflate the Platform using the Bravo OV10 pump in deflate mode as it is quicker, the Stirrup Pump in deflate mode can be used if required.

1. Lie the Platform out on a clean, dry and grease free surface ensuring you have enough space to fit the Platform, with access to an electrical outlet or extension cord.
2. Secure any Air Toggle loops that have been used with the Velcro flaps.
3. Deflate using the Bravo OV10 pump and follow the instructions on page 17.
4. Deflate the Air Toggle by hand, open the inflation valve and roll the Air Toggle along its length towards the inflation valve until all the air is released. Replace the valve cap.

To Uninstall

Rolling the Platform

Warning
NEVER fold a teak surface platform. This can damage or crease the foam, which could affect the aesthetics and functionality of the foam.

Always secure the caps to the MPMs before rolling the Platform to prevent them from marking the teak foam or diamond surface.

Always secure the cap to the end of the Air Toggle to prevent them from marking the teak foam or diamond surface.

TOP TIP: For ease of carrying Diamond Platforms try rolling the Platform round an inflated Air Toggle instead. The inflated Air Toggle provides support to stop the middle sagging. Simply follow the instructions below just inflate the Air Toggle first.

1. The Ballast Bag strap Velcro should be connected to the Velcro strip on the Platform in either the up or down position before rolling.
2. Lay the deflated Air Toggle across the Platform D-rings (to protect the foam from any marks or dents) at the opposite end to the Platform inflation valve (Fig 47).
3. Start at the end containing the Air Toggle roll the Platform around the Air Toggle making sure the roll is straight and as tight as possible. (Fig 48)
4. As you roll position the Ballast Bags so they are flat against the rolled Platform. (Fig 48)
5. Replace the inflation valve cap. This stops air from leaking back into the chamber and prevents the cap from marking the foam.

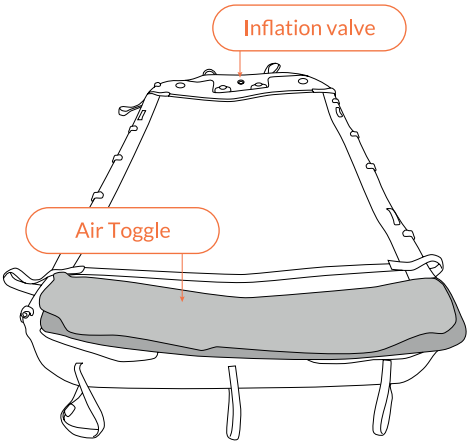


Fig 47 – Deflated Air Toggle placed over D-rings

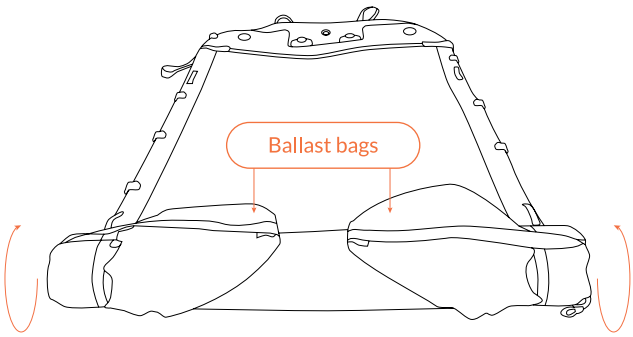


Fig 48 – Roll towards inflation valve

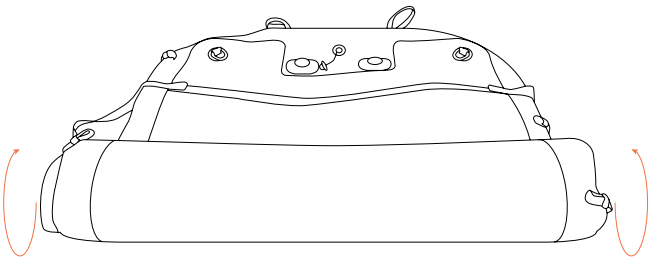


Fig 49 – Continue to roll towards inflation valve

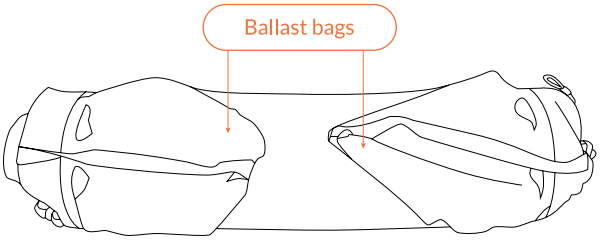


Fig 50 – Finished roll

Placing the Platform into the Bag

6. Once the platform has been fully rolled it can be placed back into the bag, before doing so ensure the bag is fully open with the pockets (Ocean & Voyager series only) facing out see (Fig 51). NEVER store uncovered or out of the bag.
7. ALWAYS make sure that at least 2 people are spaced evenly around the platform to lift it back into the bag (Fig 52).
8. Once the platform is back in the bag, tuck the orange pockets (Ocean & Voyager Series only) back on top of the platform (Fig 53) and reseal the bag along the Velcro strip (Fig 54).

Storing your platform

Store the Platform in a clean dry location, out of direct sun light and away from any sharp objects or harmful chemicals or products i.e. batteries. Never store in temperatures below 40° Fahrenheit / -4° Celsius. Avoid storing the Product whilst it is damp. This will prevent mildew forming and stop the Platform from smelling unpleasant.

Always store in the bag provided.

Never store your platform near chemicals or corrosive products.

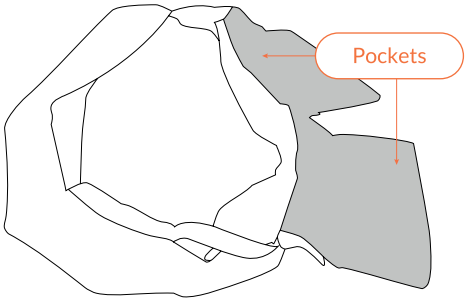


Fig 51 – Lay pockets outside of empty bag

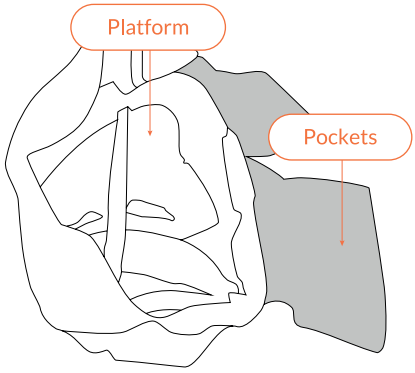


Fig 52 – Place rolled Platform in the bag

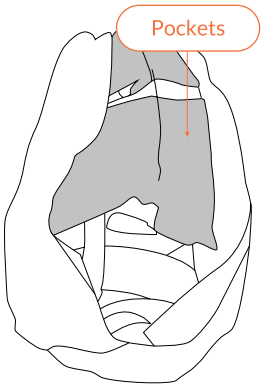


Fig 53 – Tuck the pockets into the bag on top of the Platform

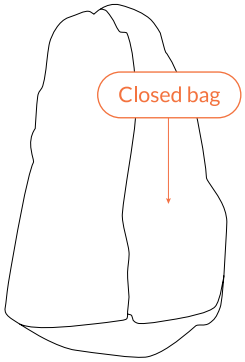


Fig 54 – Close the bag

Floating Island

Floating Islands can be created in one of two ways, either attached to a mooring buoy or to an anchor. Please follow the relevant Instructions for your chosen method. Never attach more than 1 Product as a Floating Island.

Warning

The installer of this Product must possess knowledge of basic seamanship and hold the necessary qualifications detailed in important information Page 2.

The installation instructions offered in this manual are a guideline and are not intended to replace the need for professional installation from someone with knowledge of basis seamanship. Anchoring, mooring and towing of the Product must be carried out by a professional mariner certified to do so.

Be aware of the following warnings regarding the installation of the Product failure to follow them could result in **serious bodily injury or death.**

Anchoring or Mooring the Product

- Always only anchor or moor 1 Product. Never anchor Products in multiple configurations
- It is important to anchor or moor the Product correctly for the safety of the users and the Product. Improper anchoring or mooring may result in the Product moving or floating away. This could lead to serious bodily injury or death. NautiBuoy is in no way responsible for any damage, injuries or losses due to improper anchoring or mooring. Always check the security of the anchor before use
- Before deploying the anchor always ensure the water is free of swimmers and floating objects
- Some areas/ countries may restrict the anchoring or mooring of this Product and the anchoring of the towing vessel. Always check with local authorities
- Always attach the Product to the mooring buoy with 2 Dock lines attached to 2 different D-rings incase 1 line fails
- Only ever attach to the strong point to the top or sides of the mooring buoy. Never attach to the underside of the mooring buoy or below the water line, barnacles and sea life may be present which could cause damage to the Product

Jetty

- Never launch or recover from Jetties greater than 1metre (3ft 4”) above water level.
- Ensure the Jetty is stable and secure and fit for purpose
- Always be aware of other Jetty users
- Always check with Port authorities before using the Jetty to launch or recover the Product.
- Never launch or recover the Product on commercial Jetties or where there is heavy traffic
- Inspect the Jetty before launch and recovery for any sharp objects, such as, but not limited to, barnacles, sharp metals or fish hooks. Do not launch or recover if these are present

Towing

- Never exceed 5 knots whilst towing the Product behind a vessel. This can cause damage to the towing vessels towing bridle or to the Platform anchor point
- Never tow the Product whilst persons are on the Product
- Never tow the Product when the Ballast Bags are in the down position, this will create drag potentially causing damage to the anchor point, Ballast Bags or towing bridle
- Never tow the Product using the D-rings, Horizontal handles or Air Toggle loops. Such use could cause them to break and could lead to serious bodily injury or death
- Tow ropes stretch when in use. If a towrope snaps, it could snap back into the vessel towing. Ensure all passengers are warned of the dangers of rope recoil. Keep all passengers away from the rope whilst towing to avoid becoming entangled or hit by the rope
- Always ensure all persons wear a suitable government approved life jacket required by local authorities, whilst in the vessel towing
- Ensure to keep the towrope away from the moving propeller
- Always be aware of the spinning propeller of the towing vessel when the engine is running to avoid damage to the Product and equipment and possible injury or death to the users
- Before attaching or removing the towline always ensure the towing vessel engines are switched off. ALWAYS USE AN ENGINE KILL CORD
- Always be aware of swimmers and of other water users in the vicinity when using the towing vessel. The Propellers of the towing vessel are dangerous and could lead to serious bodily injury or death
- Never swim in the vicinity of the towing vessel whilst its engine is running
- Only approach the Product in the towing vessel if there are no swimmers or other water users in the area and it is safe to do so

Anchoring the Towing Vessel

- Never stream the towing vessel from the anchored or moored Product. It could put too much weight on to the Product causing it to come free from the anchor or mooring
- Never secure the towing vessel to the Product D-ring, other than for the transfer of users and the installation of the Product. The D- rings are not designed to take the weight of the towing vessel for long periods of time
- Never anchor the towing vessel too close to the Product ensure it a safe distance away from the Product and a safe distance to swim to, a minimum of 15m (42ft 2") and maximum of 25m (82ft)
- Never attach the towing vessel to the same mooring buoy as the Product as it may swing and collide with the Product causing serious bodily injury or death

You will need

To anchor the Product you will need:

- Choose a suitable anchor, chain, line and 2 stainless shackles (not provided). NautiBuoy Marine recommends the use of an anchor weighing 45kgs (100lbs). On windy waterways or with a tidal current a heavier anchor is recommended weighing 90kgs (200lbs). The line & chain must be adequate for the load and depth. 5m of 5mm (0.2") of stainless chain is recommended. One shackle must fit through the anchor point on the Platform. One shackle must attach the chain to the Anchor. The shackles must be adequate for the load
- Towing Bridle (not provided)
- Suitable towing vessel (not provided)
- Platform
- 1x Air Toggle
- Stirrup pump
- Any chosen accessories (Available for separate purchase)
- 1 litre marker buoy to easily locate your anchor (not provided)

To attach the Product to a Mooring Buoy you will need:

- 2 x NautiBuoy Dock lines or 2 x 8m (26ft), 14mm (0.5") eye spliced dock lines with a SWL no less than 438kg (960llbs) each.
- Towing Bridle (not provided)
- Suitable towing vessel (not provided)
- Platform
- 1x Air Toggle
- Stirrup pump
- Any chosen accessories (Available for separate purchase)

To Install

Stage 1: Choose a suitable location

When choosing a location to anchor or moor the Product consider that you will also need to anchor the towing vessel nearby if the driver of the towing vessel also wishes to use the Product.

The driver of the towing vessel will need to swim to the Product if he wishes to use it. Choose a location that is a safe distance to swim to the Product and also to the shore, a maximum of 25m (82ft) to either.

When choosing a mooring buoy consider you might not be able to anchor the towing vessel in the vicinity due to restrictions.

If choosing another mooring buoy to attach the towing vessel to, ensure the towing vessel is a safe distance from the Product between 15m (49ft 2") and 25m (82ft)

Warning:

- Always check weather forecasts for poor weather conditions for 24 hours before, during and 24 hours after users plan to use the Product
- Do not anchor or moor in off shore winds or off shore currents
- Do not anchor or moor in breaking waves
- Ensure to keep a safe distance away from other vessels, structures and docks.
- Ensure a safe distance from the shore and a maximum of 25m (82ft)
- Ensure there is enough depth underneath the Product and towing vessel with a minimum depth of at least 3.5m (11ft 6")
- Never anchor or moor the Product in areas where sharks, jellyfish or other dangerous animals are known to be present
- Never attempt to moor your Product on anything other than a dedicated mooring buoy, such as, but not limited to, lateral or cardinal markers
- Always inform a shore side friend or family member of your intended location and approximate return time.

1. First choose a suitable location to anchor or moor the Product. Anchor the Product and towing vessel (if required) in deep water in an area protected from wind and strong currents as well as away from any traffic.
2. Before choosing the location to anchor or moor, please look at any restrictions for that area of water, by referring to relevant charts and pilot books or by contacting the local authorities.
3. Check the area around the chosen location for any sharp or dangerous objects i.e. coral reef, rocks, wrecks, sand bars or tree stumps.
4. Ensure to check updated charts for a suitable area to anchor or moor, clear of any hazards even at annual lowest tides for that area.
5. The tidal atlas for that area must be inspected and tidal range calculations must be taken in to account for high and low tides for the period whilst the Product is anchored or moored. If in any doubt, speak to the captain of the main vessel or contact the local authorities for advice.
6. Log your chosen anchoring or mooring position, taking bearings from fixed objects on land.

Stage 2: Towing the Product

Step 1: Preparing the Product to tow

1. Follow the instruction of **To Install Stage 1: Inflating the Platform & Stage 2: Inflating the Air Toggle**
2. Ensure the Ballast Bags are empty, in the up position and with the strap held securely in place to the Velcro strips on top of the Platforms (Fig 56). See **To Uninstall Stage 2: Empting Ballast Bags** for full instructions. This can be done on the main vessel or Jetty before launching, make sure to lift the Product up at the corresponding corner to manoeuver the Ballast Bag into position.
3. Ensure that the Ballast Bag straps are secured their entire length to the Velcro strips on top of the Platform. This can be done by tucking the top end of the strap under the opposing ballast strap (Fig 56).
4. It is very important that the straps are secure before and during towing. Failure to do so could result in the Ballast Bags filling, causing damage to the Product or to the towing vessel. (This could void any warranty)
5. Always ensure that all Air Toggle straps not being used are kept fastened by the Velcro flap before and during towing. Failure to do so may cause damage to the straps and entanglement whilst in the water. (Fig 58)
6. The Platform has a reinforced anchor point on the underside (Fig 55). Familiarise yourself with its location before launching the Product.
7. It is at the opposite end to the MPM's, located centrally and approximately 22cm (8.6") inboard.

Step 2: Launching the Product

Depending upon your location, main vessel or Jetty, follow the relevant instructions

Step 2 (a) : Launching the Product from the main vessel

1. Follow **Stage 4 (a): Securing the Product to the Vessel - To stream the Product off the back of the vessel**
   It is important at this stage to only attach one Dock line instead of two. Secure the Dock line to one of the D-rings on the Platform at the OPPOSITE end to the anchor point. The anchor point end needs to be free to lift up to attach the towline.
2. Follow **Stage 5 (a): Deployment of the Product in the water** – Streamed off the back of the vessel. ONLY follow steps 1 & 2. DO NOT BOARD the Product, the Ballast Bags are in the up position for towing

Step 2 (b): Launching the Product from a Jetty

1. Choose a location with plenty of space. You will need enough space for the Product, the towing vessel and manoeuvring the Product into position to tow. Ensure the water and jetty are clear of hazardous objects and other users before launch.
2. Ensure one of the dock lines is attached securely to the Platform at one of the four D-rings using a cow hitch.
3. It is important to secure the Dock line to one of the D-rings on the Platform at the OPPOSITE end to the anchor point. The anchor point end needs to be free to lift up to attach the towline.
4. Ensure the loose end of the Dock line is attached securely to a solid cleat on the Jetty.
5. To deploy the Product, have at least 2 people evenly spaced around it to carry it and simply lift & lower the Product into the water.

Step 3: Prepare the Anchor for the Product and towing vessel (if required)

1. It is important to get everything you will need for anchoring and to set up the towing bridle into the towing vessel.
2. Prepare the anchor/s as required. Check all connections are secure, for any signs of wear and tear and the security of the anchor before use.

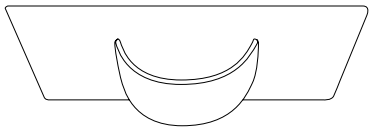


Fig 55 – Reinforced anchor point on the **underside of the Platform**

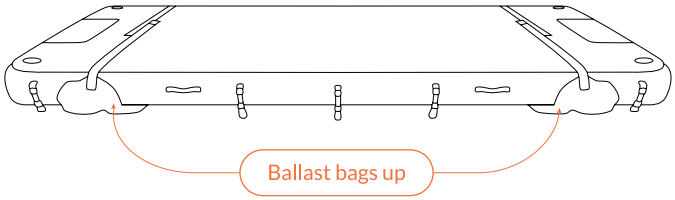


Fig 56 – Ballast bags empty and secured to the Platform

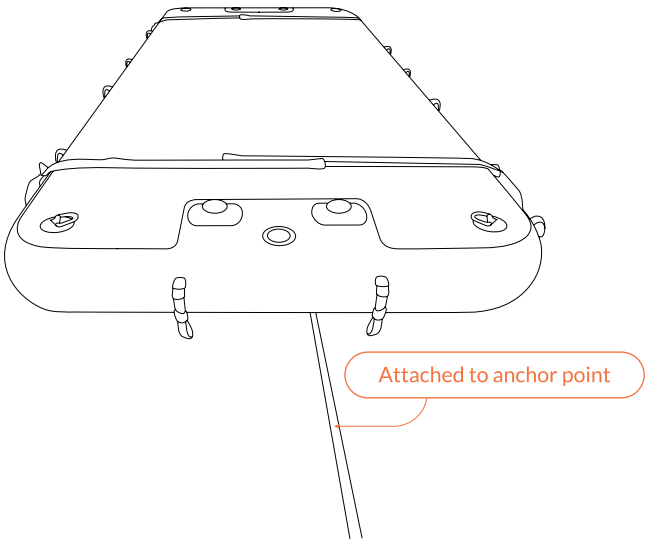


Fig 57 – Tow line attached to anchor point on underside of Platform

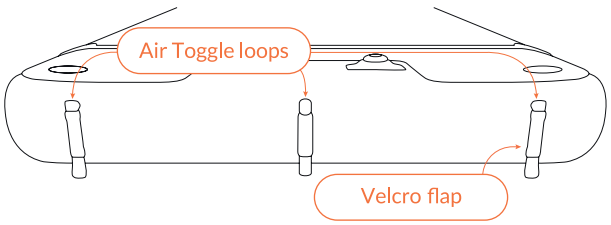


Fig 58 – Air Toggle loops and Velcro straps

Step 4: Preparing the Towline

1. Ensure the towing vessel has an adequate bridle and towline set up in an approved fashion for the tow. Please refer to the towline instructions and to your towing vessel manual for instructions on proper towline attachment.
2. Ensure to use a proper towline for this activity.

Step 5: Prepare Accessories

1. Prepare any accessories you may require. Stow them carefully in the towing vessel to avoid them getting caught by any wind when towing.
2. Only carry what you have room for in the towing vessel.
3. When placing accessories in the towing vessel, ensure to leave space for working the anchor and attaching the towline to the Product for towing.

Step 6: Attach the Towline to the Product (Fig 57)

1. Attach the towline to the Product anchor point.
2. Once the towline is attached release the Product from the main vessel or Jetty and remove the Dock line. It is important to ensure that all lines are clear and free of the Product and the towing vessel before commencing towing.
3. Check the security of the towing strop and the line on the towing strop before towing.

Step 7: Commence the Tow

1. Commence the tow moving the towing vessel and Product slowly away from the main vessel. Ensure the towline is kept away from the propeller.
2. Tow the Product to your chosen location ensuring never to exceed 5knots of speed.
3. Always be aware of other watercraft and their movements.
4. Periodically check to ensure tow is securely attached.

Stage 3: Anchoring or Mooring the Product

Always return to the location you have chosen by the bearings you have logged. Check the conditions have not changed and it is still a safe place to anchor or moor.

If you are mooring the Product go to Stage 3(b): Attaching the Product to a Mooring Buoy

Stage 3 (a): Anchoring the Product

Step 1: Remove the towline from the Product

1. Make sure the towing vessel engine is switched off before commencing next steps.
2. Attach the Product to the towing vessel with the Painter.
3. Remove the towline: Lift the Product at the anchor point end out of the water. Remove the towline from the Product anchor point and from the towing bridle and stow neatly in a locker or bag in the towing vessel.

Step 2: Attaching the anchor to the Product

1. Locate the anchor point on the underside of the Product by lifting the anchor point end of the Product out of the water.
2. Attach your prepared anchor to the Product anchor point.
3. Double-check the security of the anchor attachment before use and for any signs of wear and tear.

Step 3: Deploying the Anchor

1. Double check that you have not drifted from your chosen anchorage and logged position and that it is still safe to anchor.
2. Before commencing ensure your feet are away from anchor, chain and anchor line.
3. Lift the anchor over the edge of the towing vessel, taking care to bend your knees and keep a straight back, and release into the water ensuring anchor, chain, anchor line and anchor marker buoy and its line run freely without snagging on the towing vessel and ensuring all bodily parts are clear.
4. The user must allow enough length in the anchor line, chain and anchor marker buoy and line for movement against the rise of tide, waves and wind.
5. Check the security of the anchor before use. Allow a few minutes to ensure the anchor and Product are not drifting and take bearings from fixed land points for reference
6. Go to Stage 4: Preparing the Product for Use

Stage 3 (b): Attaching the Product to a Mooring Buoy

Step 1: Attach the towing vessel to the Mooring Buoy

7. On arrival at the mooring buoy, turn off the engine of towing vessel and attach the Painter of the towing vessel to the strong point of the mooring buoy.

Step 2: Remove the towline from the Product

1. Attach the Product to the towing vessel. Attach a Dock line to one of the Platform D-rings using a cow hitch and secure the other end of the Dock line to the towing vessel. Allow enough length in the line to manoeuvre the Product to the mooring buoy.
2. Remove the towline: Lift the Product at the anchor point end out of the water. Remove the towline from the Product anchor point and from the towing bridle and stow neatly in a locker or bag in the towing vessel

Step 3: Attach the Product to the Mooring Buoy with 2 Dock lines

1. Attach the 2nd Dock line to one of the other D-rings using a cow hitch. You should now have 2 Dock lines attached to the D-rings at the anchor point end of the Product
2. Attach the other end of the 2nd Dock line to the mooring buoy strong point
3. Repeat the process with the 1st Dock line: Release the end of the 1st Dock line from the towing vessel and attach to the mooring buoy strong point.
4. You should now have 2 Dock lines attached to the Product D-rings and the mooring buoy strong point.
5. Adjust the length of the Dock lines to your desired length, between 3m (9ft 10") & 7m (22ft 11") and so they are roughly even lengths for an even spread of load. Always keep a safe distance away from the mooring buoy and other water users.

Step 4: Remove towing vessel from mooring buoy

1. Remove the Painter of the towing vessel from the mooring buoy and making sure there are no swimmers in the area, start the towing vessel engine
2. Bring the towing vessel alongside the Product and attach the Painter to one of the Product D-rings. Make sure the engine of the towing vessel is switched off before doing so. Go to Stage 4: Preparing the Product for Use

Stage 4: Preparing the Product for use

1. Using the Painter bring the towing vessel tightly alongside the Product and climb carefully aboard.
2. Put all the Ballast Bags into the down position and allow to fill. Follow the steps in To Install Stage 3: Preparing the Ballast Bags to fill.
3. Climb carefully back into the towing vessel.
4. The Product is now ready for use. If you wish to add any accessories then please refer To Install Stage 6: Attachment of accessories.
5. Once all the accessories are secured into place you can then board any users To Install Stage 7: Transferring between the Product and main vessel and/or other vessel: Option 2
6. Once all the users, other than the towing vessel driver, are aboard the Product remove the towing vessel connection from the Product.
7. Either follow Stage 5: Anchoring the towing vessel, if the driver wishes to use the Product or return the towing vessel to the main vessel or Jetty

Stage 5: Anchoring the towing vessel

Skip this stage if you are returning the towing vessel to the main vessel or Jetty.

1. Remove any lines securing the towing vessel to the Product and return the towing vessel to your chosen location for anchoring.
2. Anchor the towing vessel as per the tow vessel and anchor instructions.
3. Once you are happy that the anchor is secure you can swim to the Product.

To Uninstall Floating Island

Step 1: Lift anchor of towing vessel (if used)

If you have not anchored the towing vessel skip To Uninstall Step 2

1. Follow the instructions to lift and remove the anchor from the towing vessel following the towing vessel instructions.
2. Making sure there are no swimmers in the area start the towing vessel engine and return to the Product to collect any further users.

Step 2: Collect any Users

- **See to Install Stage 7: Transferring between the Product and main vessel and/or other vessel: Option 2** and return them to the main vessel or Jetty.

Step 3: Prepare the Product to Return

- Secure the towing vessel to the Product with the Painter to one of the D-rings
- Remove any accessories. **To Uninstall: Stage 1 Remove Accessories**. Stow them carefully to avoid them getting caught by any wind when moving. Make sure you leave enough working room to lift the anchor or remove mooring buoy connection and also remove the towline.
- Empty the Ballast Bags. **To Uninstall: Stage 2 Emptying the Ballast Bags.** Ensure that the Ballast Bag straps are secured their entire length to the Velcro strips on top of the Platform. This can be done by tucking the top end of the strap under the opposing ballast strap (Fig 53).
- It is very important that the straps are secure before and during towing. Failure to do so could result in the Ballast Bags filling, causing damage to the Platform or to the towing vessel. (This could void any warranty)
- Always ensure that all Air Toggle straps not being used are kept fastened by the Velcro flap before and during towing. Failure to do so may cause damage to the straps and entanglement whilst in the water. (Fig 55)
- The Product is now ready to lift the anchor or release mooring buoy connections.
- Remove the towing vessel connection from the Product and make sure all lines are clear.

Step 4: Remove Connection

Either lift the anchor or remove the connection to the mooring buoy

Step 4 (a) Lift and remove the Anchor

1. Locate the end of the anchor and line attached to the Product, at the anchor marker buoy.
2. Before proceeding to lift the Anchor switch the towing vessel engine off. Be sure to make sure the area in the towing vessel for the anchor is clear and free of any users or accessories before lifting.
3. Proceed to lift the anchor, into the towing vessel. Always bend legs when lifting the anchor and ensure to straighten your back. Ensure your feet are away from anchor, chain and anchor line.
4. Attach the towing vessel to one of the Product D-rings. Once you have a secondary connection you can remove the anchor line from the Product anchor point.
5. Lift the Anchor point end of the Platform out of the water to reveal the anchor point and remove the anchor line.
6. Ensure the anchor, chain, line and shackles are stowed and clear of the water and away from the propeller of the towing vessel.
7. The Product is now ready to attach the towline, go to Step 5 : Attaching the towline to the Product.

Step 4(b) : Removing the Product from the mooring buoy

1. Attach the towing vessel to the mooring buoy making sure the engines are switched off.
2. Using both the Dock lines attached to the Product pull the Product towards the mooring buoy and towing vessel. Once the Product is close enough release the end of one of the Dock lines from the mooring buoy strong point and attach it immediately to the towing vessel.
3. Release the 2nd Dock line from the mooring buoy strong point and remove from the Platform D-ring. You should now have 1 Dock line connecting the Product to the towing vessel and the other one completely removed from the Product.
4. Un-attach the towing vessel from the mooring buoy by releasing the Painter.
5. You are now ready to attach the towline.

Step 5: Attaching the Towline to the Product

1. Attach the towline to the Product anchor point.
2. Once the towline is attached release all other lines and connections to the Product.
3. Check the security of the towing strop and the line on the towing strop before towing.

Step 6: Commence the Tow

1. Commence the tow moving the towing vessel and Product slowly away. Ensure the towline is kept away from the propeller.
2. Tow the Product to your chosen destination never to exceed 5 knots of speed.
3. Always be aware of other watercraft and their movements.
4. Periodically check to ensure tow is securely attached.

Step 7: Returning the Product onboard the main vessel or Jetty.

1. Secure the towing vessel to the main vessel or Jetty ensuring the towing vessel engine is switched off.
2. Secure the Product to the main vessel or Jetty. Using the towline, pull the Product alongside the towing vessel and attach a dock line to one of the D-rings (Cow hitch), attach the other end to the main vessel or Jetty.
3. Remove the towline from the Product: From the towing vessel, lift the Product at the anchor point end out of the water to reveal the anchor point.
4. Remove the towline from the Product anchor point and towing bridle and stow neatly in a locker or bag in the towing vessel.
5. DO NOT BOARD THE PLATFORM as the Ballast Bags are in the up position.
6. If you are removing the Platform at the main vessel follow **To Uninstall Stage 3: Removing the Product from the water** onwards

If you are removing from a Jetty follow the instructions below

6.1 To remove the Product from the water and onto the Jetty, the Product needs to be pulled out by 2 people stood on the Jetty pulling up on the Dock lines attached to the Product D-rings. The Dock lines need to be attached to the D-rings along the longest edge of the Product and those closest to the Jetty. Attach a 2nd Dock line to one of the D-rings before commencing.

6.2 Choose a location which is, free of grease, liquids or sharp objects,

6.3 Once in position, lift and lower the Product down carefully and remove the Dock lines from the Product D-rings. Put the Dock lines out of the way to one side for rinsing with fresh water later.

6.4 Follow **To Uninstall: Stage 4 Clean & Dry the Product onwards**

Step 6: Stowage

1. Return any accessories back to the main vessel/Jetty from the towing vessel follow their instructions for stowage
2. Ensure anchor, line and chain are all stowed in a suitable protective bag, ready for next use.
3. Coil the towing line and towing bridle and stow neatly in a suitable bag or locker.

Rope use

The following techniques are mentioned throughout the following text and be referred to where necessary.

Tying a cow hitch

1. Push spliced loop of Dock Line through the stainless D ring (Fig 59).
2. Pass the other end of the Dock Line through the spliced loop (Fig 60).
3. Pull all the of the remaining Dock Line through the spliced loop until it is tight (Fig 61).

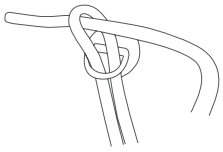


Fig 59 – Cow hitch step 1

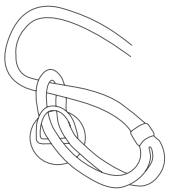


Fig 60 – Cow hitch step 2

Fig 61 – Cow hitch step 3

OXO method

1. Make one full turn around the cleat in a clockwise direction and pull tight (Fig 62).
2. Then on top of the full loop make a figure of eight and pull tight (Fig 63).
3. Make one more full loop in a clockwise direction and pull tight, for added security add one more full loop (Fig 64).

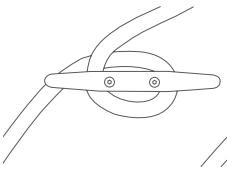


Fig 62 – OXO method step 1

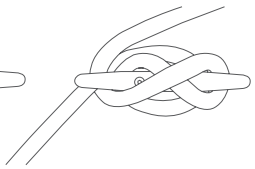


Fig 63 – OXO method step 2

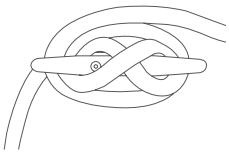


Fig 64 – OXO method step 3

Tying a Bowline

1. At the bitter end form a small loop leaving enough rope for the desired loop size (Fig 65).
2. Pass the bitter end of the rope through the d-ring (platform) or shackle (anchor point) or chain (joining anchor chain and anchor line), then through the loop of the knot as though making an overhand knot (Fig 66).
3. Continue around the Standing end (Fig 67).
4. Finally pass the end back through the small loop (Fig 68).

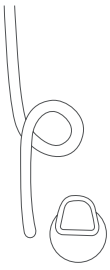


Fig 65 – Bowline step 1

Fig 66 – Bowline step 2

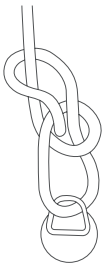


Fig 67 – Bowline step 3

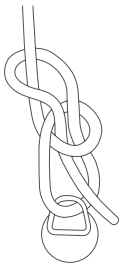


Fig 68 – Bowline step 4

Note : The D-ring indicated in these pictures can also be the loop provided by a shackle, chain, or strong point

Connecting Products

Important Information

The Platforms have been designed to connect together using the unique Air Toggle connection system.

Ocean & Voyager Series in all configurations. Sport Series end-to-end only.

If connecting more than 2 Products together, always follow the instructions to connect 2 Products then repeat for subsequent Products one at a time ONLY.

Connected Products must only ever be attached to a main vessel.

Warning

- No one should board any one of the Products until they are securely installed and the Ballast Bags have filled.
- Only the Installer/s should board Products, (with filled Ballast Bags and security line attached only) until the configuration is complete.
- For configurations that reach over 6.7m/ 21ft 11" from the main vessel ALWAYS add a third line between the furthest Product D-ring and the vessel and attach a marker buoy to the line for safety.
- Never make configurations that reach over 10.1m/33ft 2" from the main vessel.

Stage 1: Choosing a configuration

Configuration design

You can make many different configurations with your Products. When designing your configuration be aware of the distance the joined configuration will have from the vessel. The impact it will have on other water users and the safety of the configuration.

Always use caution and common sense and assess the design taking into account your vessel design, weather and sea conditions, local restrictions and other water users.

The configuration is usually secured using 2 Dock lines to the vessel. It is important to assess if your configuration design is safe on these 2 connections and add further lines as you see necessary.

NautiBuoy recommends the following guidelines when designing your configuration.

Max Distance out from the stern or side of the vessel Using 3 Lines

Max Distance from the main vessel to the end of the configuration = 10.1m / 33ft 2" (Fig 69).

(for this distance a third line must be attached between the furthest Product D-Ring and the vessel and marked with a marker buoy)

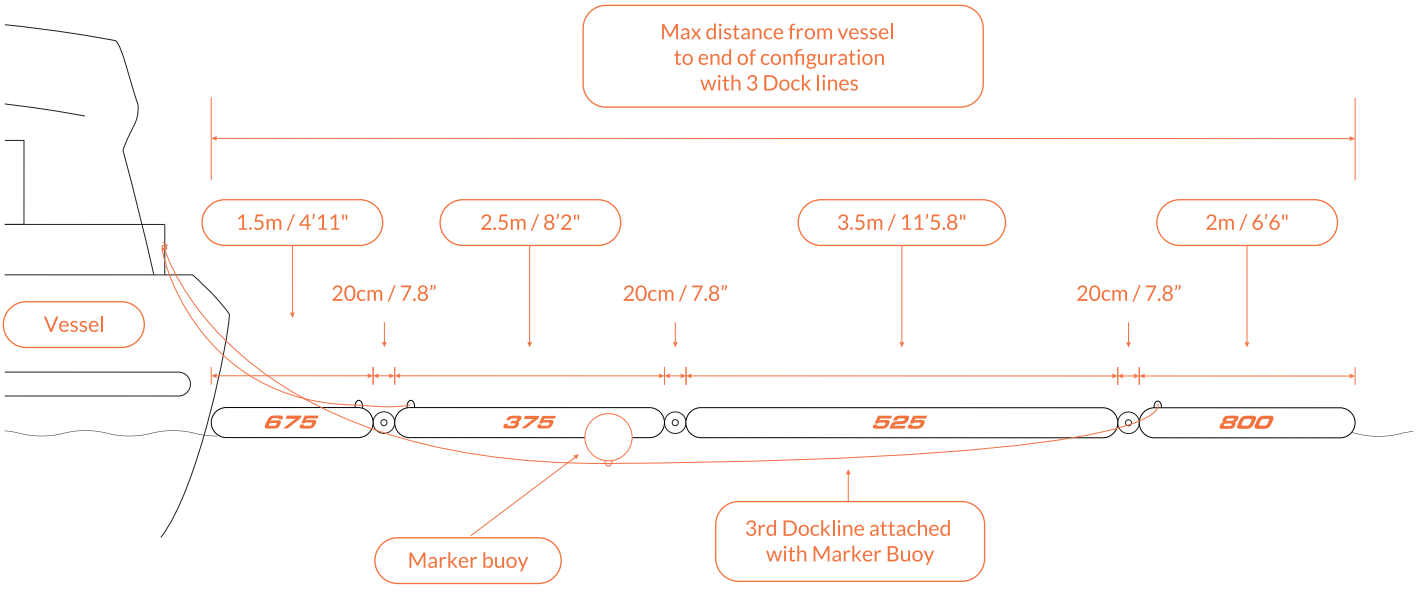


Fig 69 – Max Distance from vessel to end of configuration using 3 Dock lines

Using 2 Lines

Max Distance from the main vessel to the end of the Configuration = 6.7m/21ft 11" (Fig 70).

This is the maximum distance recommended with the configuration connected to the vessel on 2 Dock lines.

Width of Configuration

It is recommended that a maximum of 1 Air Toggle connection be in the middle of the 2 connecting Dock lines to the vessel (Fig 71).

If you wish to make a wider configuration, above 1 x Air Toggle always add extra Dock line connection/s back to the vessel of each connected Platform.

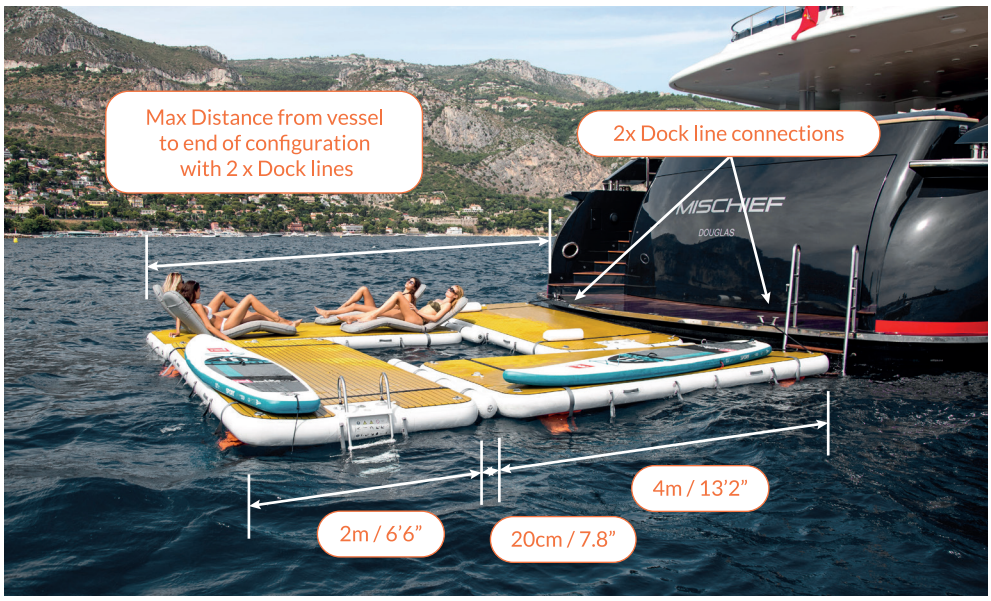


Fig 70 – Max distance from vessel to end of configuration using 2 Dock lines

Fig 71 – Maximum width of configuration to be 1 Air Toggle connection wide on 2 Docklines

The different configurations – how they work

- Ocean & Voyager Series can be linked in all configurations.
- Sports Series can only be linked end-to-end

Due to the unique Air Toggle connection system, multiple Platforms can be connected together in several useful configurations L-shape (Fig 72), T-shape (Fig 73), side-by-side (Fig 74) or end-to- end (Fig 75).

1. Start by choosing which joining configuration you're going to use Fig 72, Fig 73, Fig 74 or Fig 75.
2. Before commencing joining, it is important to assess how you will be joining each platform and that the Air Toggle loops of each platform will be staggered in between each other (Fig 76).
3. T-shape and end-to-end connections all link with five Air Toggle loops, three on one end of the Platform and two from the other (Fig 76).
4. L–shape connections must be linked with a minimum of two Air Toggle loops from each Platform.
5. For side-by-side connections the Air Toggle loops of each platform must be staggered down the length of Platforms (Fig 76)and should never be opposite each other (Fig 77) (Air Toggles for side linking are available to purchase separately).
6. Whether or not you are using the Ladder, or where you require the Ladder to be positioned, has an impact on how the Platforms can be joined. The end of the Platform with the two multi-purpose Platform Mountings (MPMs) and therefore two Air Toggle loops needs to be free in order for the Ladder to be attached.
7. It is necessary to start with the Platform that will be connected to the vessel. Assess prior to linking and connecting, which side or ends of the Platform you will need free and facing away from the vessel to link the other Platforms for your desired configuration.

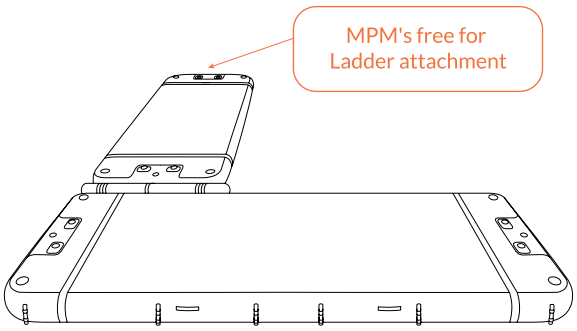


Fig 72 – L-shape

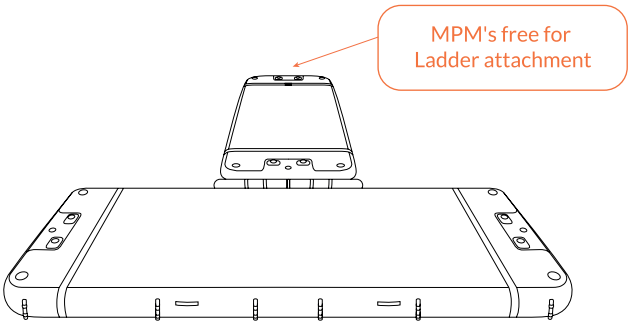


Fig 73 – T-Shape

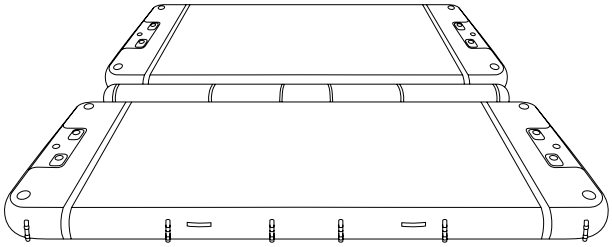


Fig 74 – Side-by-side

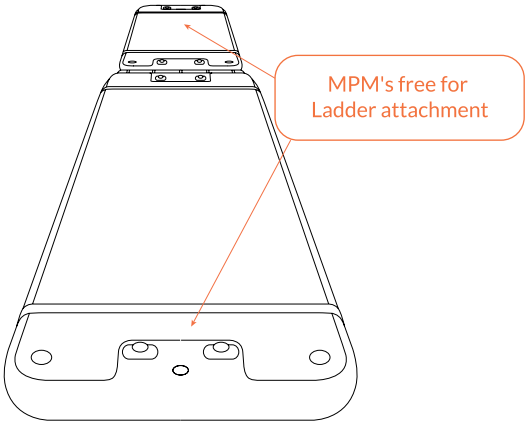


Fig 75 – End-to-end

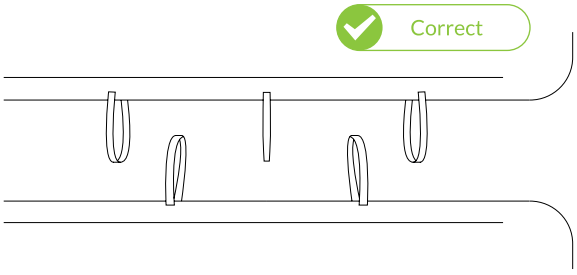


Fig 76 – Air Toggle loops should be in a staggered formation from each Platform

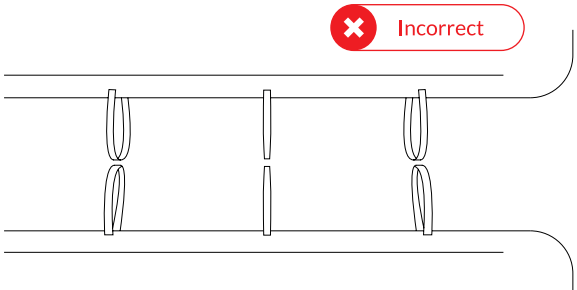


Fig 77 – Air Toggle loops shouldn't be aligned opposite each other

Stage 2: Preparation of the Platforms

Platform 1

1. First choose the Platform that will sit alongside the vessel and follow Stage 1: Inflate the Platform.
2. Skip Stage 2: Inflating the Air Toggle. This is not necessary, extra air chambers are provided by the linked Platforms.
3. It is Important to secure Platform 1 to the vessel (with 2 dock lines) in the correct position to attach Platform 2. Follow To Install Stage 3, Stage 4 (b): Securing your Product to the vessel, Stage 5 (b) Deployment of the Product in water and Stage 7: Transferring between the Product & main vessel.

Platform 2

4. Inflate and prepare Platform 2, follow To Install Stage 1: Inflate the Platform & Stage 3: Preparing the Ballast Bags to fill.
5. Attach a Dock line to one of the D-rings on Platform 2 using a cow hitch. It is important to attach the Dock line to the D-ring that will be used to manoeuvre it for connection to Platform 1. (Fig 78)
6. Lift Platform 2 into the water, ensuring it is has been secured using the attached dock line to either the vessel or Platform 1 in the water to stop it floating away.
7. Platform 2 is now ready to manoeuvre into the desired configuration.
8. Please go to Connection of 2 Products, Stage 3: Connecting a second Product in your desired configuration and refer to the relevant installation section for your chosen configuration.

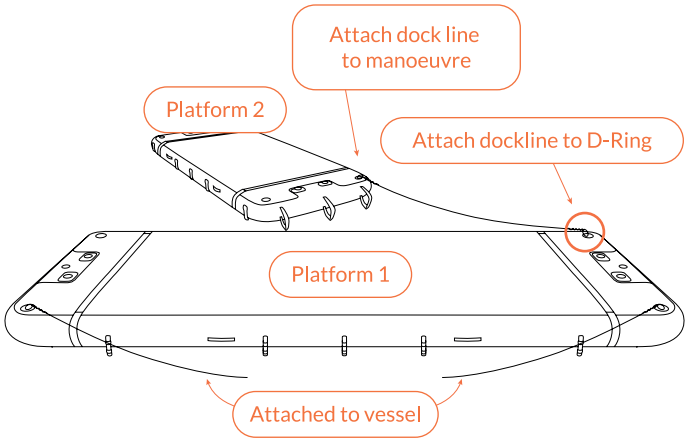


Fig 78 – Attach dockline to D-ring

Stage 3: Connecting a second Product

Warning: Never board Platform 2 until it has been securely connected to Platform 1 with the Air Toggle.

End-to-End Configuration

These steps describe how to configure two platforms which are connected end-to-end (Fig 79).

1. These steps follow on from Stage 2: Preparation of the Platforms, point 7

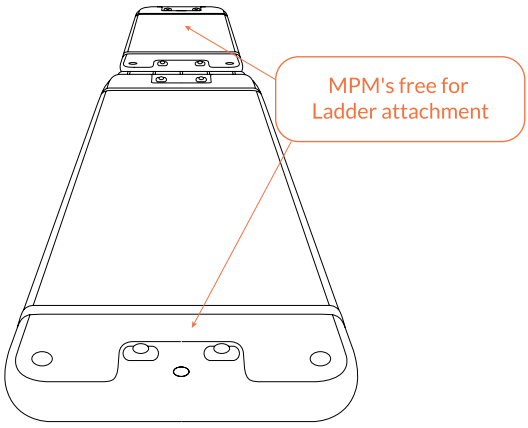


Fig 79 – End-to-end

2. Manoeuvre Platform 2 to Platform 1 (which is tied to the vessel) so that they are end-to-end. Manoeuvre by holding on tightly to the dockline that is attached to the D-ring by releasing the other end from the cleat of the main vessel (Fig 80).
3. They must be aligned so that there are three Air Toggle loops from one Platform and two Air Toggle loops from the other. Once in position secure the other end of the Dock line to Platform 1 (Fig 80).

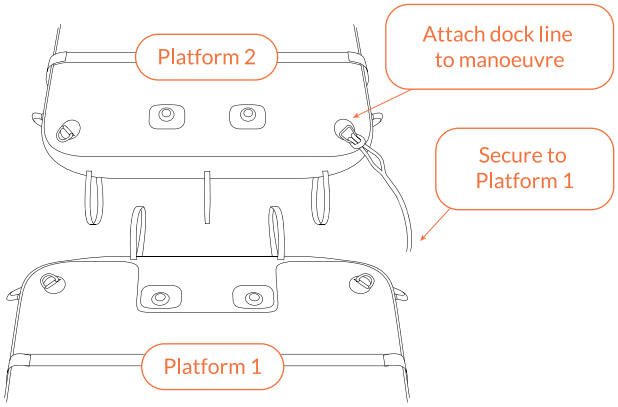


Fig 80 – Air Toggle loops, three from one platform and two from the other

4. From a kneeling position ensure the Air Toggle loops are all unfastened by releasing the Velcro flap (Fig 81) and that they sit in between each other (Fig 80).

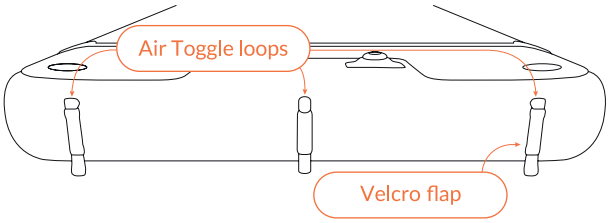


Fig 81 – Air Toggle loops and Velcro flaps

5. Secure the Platforms to each other using the connection straps and the D-Rings. Feed the connection straps through the opposite D-Rings of each Platform and secure on both sides of the proposed Air Toggle connection (Fig 82).
6. Push the buckle to secure strap into place on each connection strap. The connection straps provide extra security when linking the Platforms and also in case of Air Toggle failure. They have a quick release buckle for safety to avoid entrapment.
7. The Platforms are now ready to feed the Air Toggle through and inflate, please go to 'How to feed the Air Toggle and inflate using the Stirrup pump' section on page 50.
8. Now the Platforms are connected with the Air Toggle remove the Dockline from the D-rings of Platform 1 & 2 and place somewhere safe.

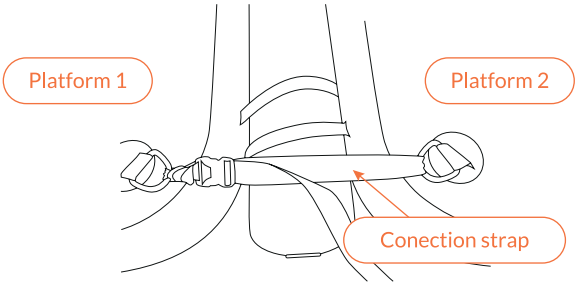


Fig 82 – Connection strap using D-rings between Platforms

How to feed the Air Toggle through and inflate using the Stirrup pump

Warning
Never attempt to connect two Platforms in large swells or wakes. Only ever connect 2 Platforms in calm water. The Platforms can become unstable in large swells which may lead to serious bodily injury or death.

For stability always carry out the following steps for connection from a kneeling position (Fig 83) also remain away from the Platform edge as far as possible so you don't fall in or hurt yourself if the Platform moves suddenly.

Note
Fig 84 and Fig 86 depict a T-shape (Jet-ski dock) configuration, but the same principle applies for all connections.

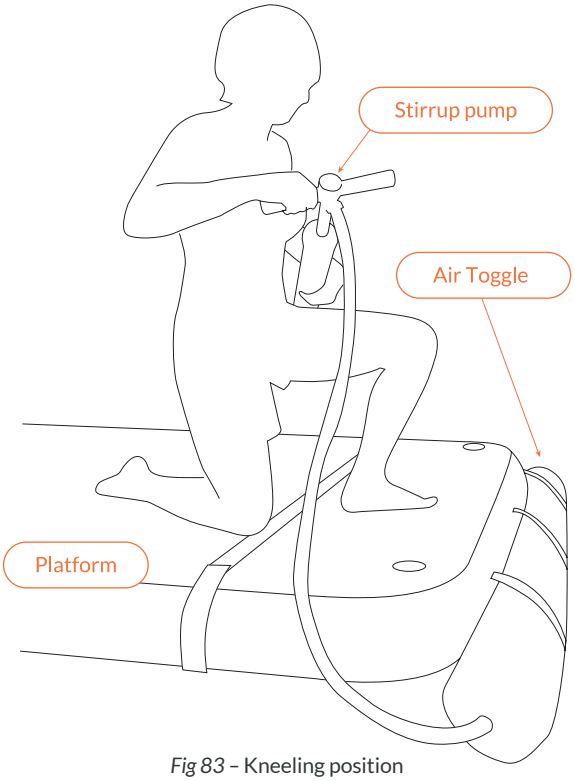


Fig 83 – Kneeling position

1. Bring the Platforms together and feed the deflated Air Toggle through all of the Air Toggle loops (Fig 84).

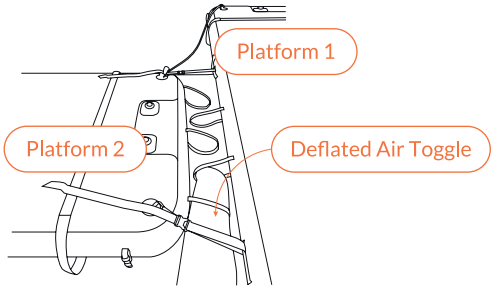


Fig 84 – Feed deflated Air Toggle through the Air Toggle loops

2. Ensure all the Air Toggle loops are flat and not twisted. (Fig 85)
3. Follow the instructions to inflate using a Stirrup pump on an unstable surface. Monitor the Pressure so that a minimum of 2psi/138mb is achieved. It is advised to inflate until you hear the pressure release valve hiss at 5.5psi/379mb.

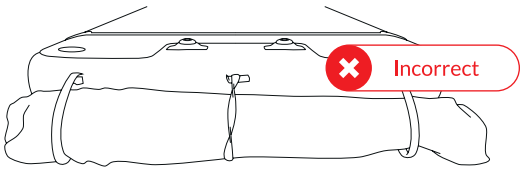


Fig 85 – Do not twist Air Toggle loop

4. The Platforms will then be connected (Fig 86).
5. Tighten both connection straps by pulling on the tail of the connection strap.
6. Ensure the tail of the connection straps are tidied away. This prevents it from being sucked into jet-ski/ Seabob propulsion or outboard propellers.

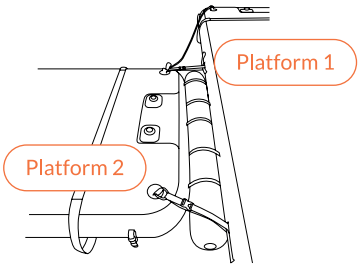


Fig 86 – Inflation complete and Platforms connected

Jet-Ski dock configuration (T–Shape)

Warning: Never board Platform 2 until it has been securely connected to Platform 1 with the Air Toggle.

These steps describe how to configure two platforms which are connected in a T-shape (Fig 87). Ideal for a Jet-Ski dock.

1. These steps follow on from Stage 2: Preparation of the Platforms, point 7.

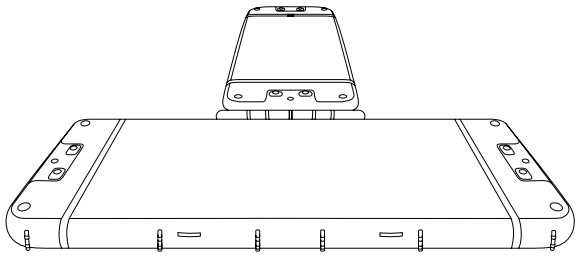


Fig 87 – Completed T-Shape (Jet-Ski dock)

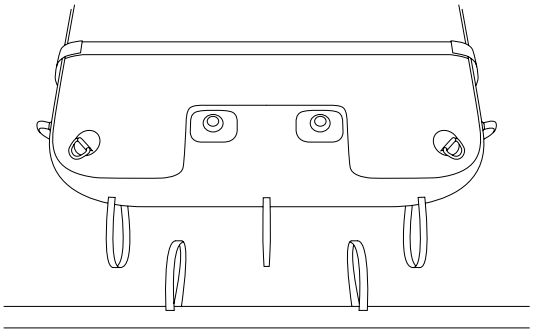


Fig 88 – Correct alignment of Air Toggle loops between the Platforms being connected

2. Manoeuvre Platform 2 to Platform 1 (which is tied to the vessel). Holding on tightly to the dock line that is attached to the D-ring manoeuvre and secure to Platform 1 D-ring using a Bowline (Fig 89), Allow enough length in the line for the Platform to be connected in a T-Shape.

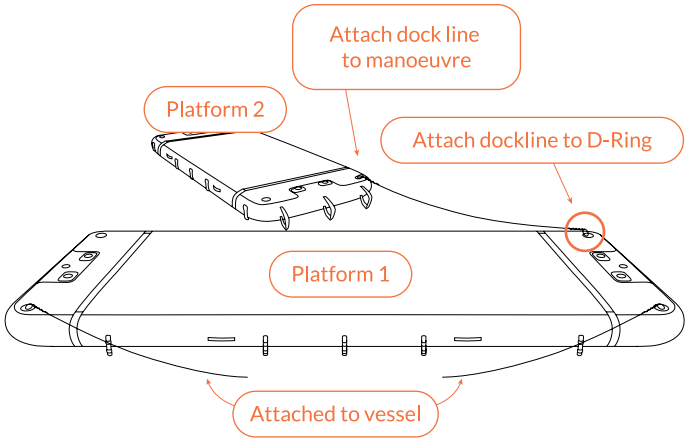


Fig 89 – Platforms secured to each other via a D-rings

3. From a kneeling position loosely feed the two connection straps provided through the D-rings of Platform 2, either side of the desired Air Toggle connection (Fig 90).

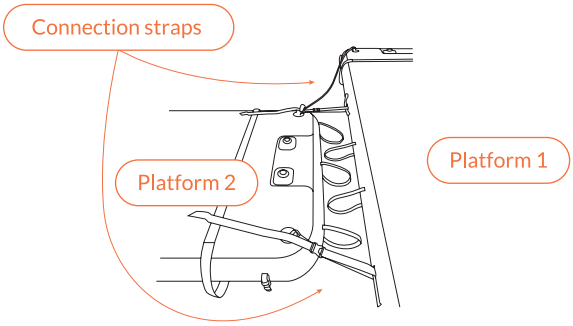


Fig 90 – Loosely feed the connection straps through the D-rings of Platform 2

4. Then feed the connection straps through the horizontal handles (either side of the Air Toggle connection) of Platform 1. It is important to do this before you inflate the Air Toggle (Fig 91).
5. Push the buckle to secure strap into place on each connection strap. The connection straps provide extra security when linking the Platforms and also in case of Air Toggle failure. They have a quick release buckle for safety to avoid entrapment.

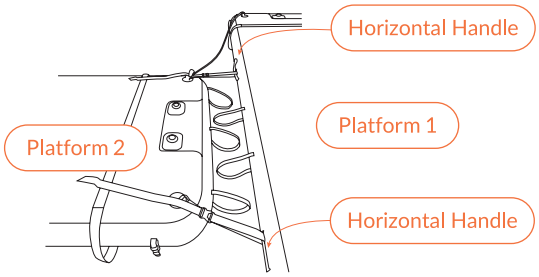


Fig 91 – Secure connection straps

6. From a kneeling position ensure that the vertical Air Toggle loops are unfastened in the required locations on both Platforms by releasing the Velcro flaps (Fig 92).
7. The Platforms are now ready to feed the Air Toggle through and inflate, please go to 'How to feed the Air Toggle and inflate using the Stirrup pump' section on page 50.
8. Now the Platforms are connected remove the dock line used to manoeuvre from the D-rings of Platform 1 & 2 and place somewhere safe.

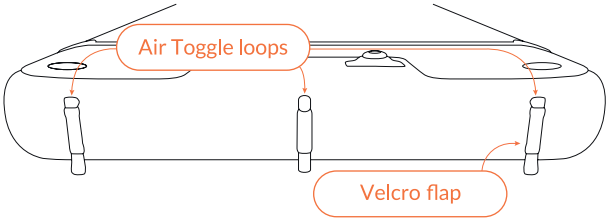


Fig 92 – Undo the Velcro flap to release the Air Toggle loops

L-Shape Configuration

These steps describe how to configure two platforms which are connected in a L-shape (Fig 93).

Warning: Never board Platform 2 until it has been securely connected to Platform 1 with the Air Toggle.

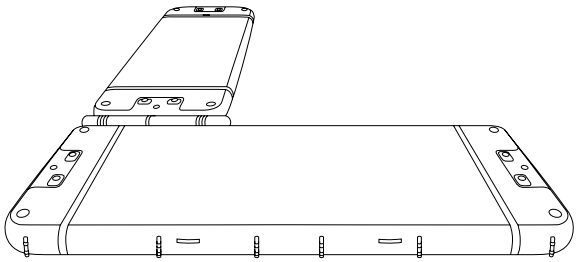


Fig 93 – Completed L - shape

1. These steps follow on from Stage 2: Preparation of the Platforms, point 7
   Note: Always check that there are a minimum of 2 Air Toggle loops on each Platform that will form the connection (Fig 94).

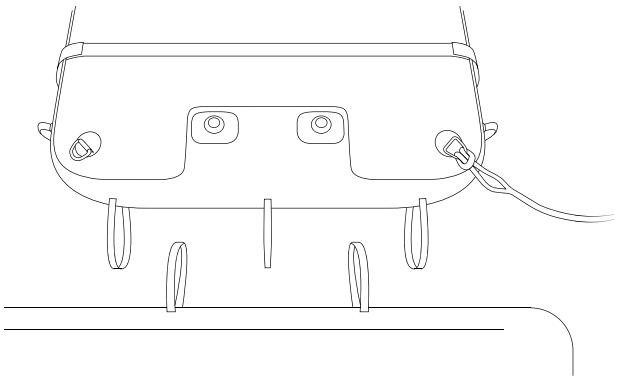


Fig 94 – Minimum of 2 from each Platform

2. Manoeuvre Platform 2 to Platform 1 (which is tied to the vessel). Holding on tightly to the dock line that is attached to the D-ring manoeuvre and secure to Platform 1 D-ring using a Bowline. (Fig 95) Allow enough line for the Platform to be connected in a L-Shape.

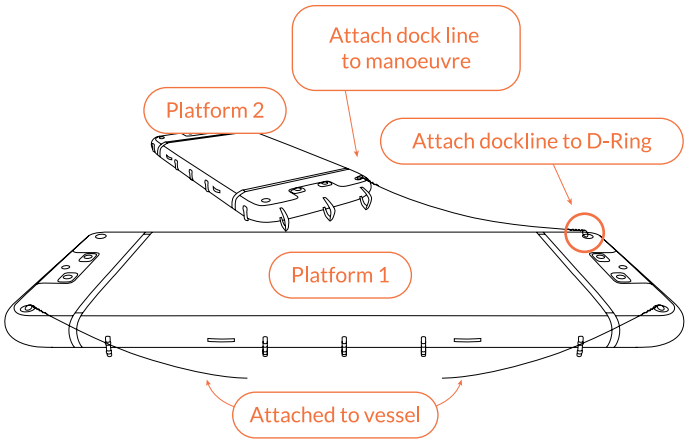


Fig 95 – Platforms secured to each other via a D-rings

3. From a kneeling position feed the two connection straps provided through the D-rings of Platform 2, either side of the desired Air Toggle connection. (Fig 96).

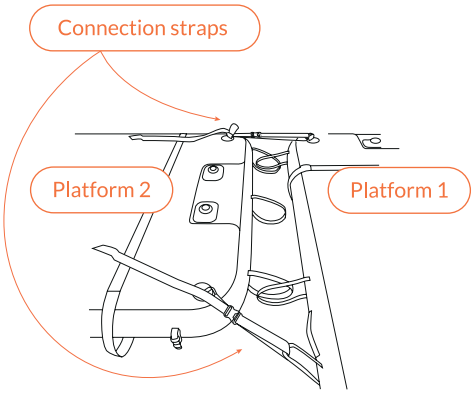


Fig 96 – Feed connection straps through D-rings of Platform 2

4. Secure the opposite D-ring of Platform 2 to the D-ring of Platform 1 with the connection strap. Then secure the other connection strap from the D-ring of Platform 2 to the Air Toggle loop on the side of Platform 1 (Fig 97). It is important to do this before you inflate the Air Toggle.
5. Push the buckle to secure the strap into place on each connection strap. The connection straps provide extra security when linking the Platforms and also in case of Air Toggle failure. They have a quick release buckle for safety to avoid entrapment.

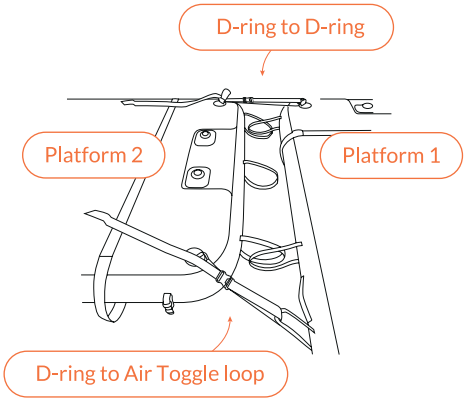


Fig 97 – Both connection straps attached

6. From a kneeling position ensure that the vertical Air Toggle loops are unfastened in the required locations on both Platforms by releasing the Velcro flaps (Fig 98).
7. The Platforms are now ready to feed the Air Toggle through and inflate, please go to 'How to feed the Air Toggle and inflate using the Stirrup pump' section on page 50.
8. Now the Platforms are connected remove the dock line used to manoeuvre from the D-rings of Platform 1 & 2 and place somewhere safe.

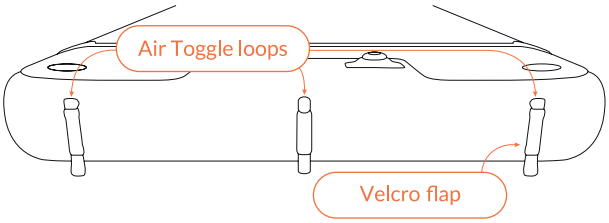


Fig 98 – Undo the Velcro flaps to release the Air Toggle loops

Side-by-side configuration

These steps describe how to configure two platforms which are connected side-by-side (Fig 99).

Warning: Never board Platform 2 until it has been securely connected to Platform 1 with the Air Toggle.

- When linking side-by-side use one Air Toggle only. These can be purchased separately for the entire length of your Platform size.
- Never attempt to link Platforms side-by-side using two shorter Air Toggles, this can create a void in between the Air Toggles which **may lead to entrapment, causing serious bodily injury or death**.
- When linking side-by–side the Air Toggle loops from either Platform should never be opposite one another. The Air Toggle loops must be staggered down the length of both Platforms. This will create a stronger connection as well as preventing Air Toggle loops from rubbing against one another.
- Only ever link Platforms that are the same size side by side. This prevents any overhang of the Toggles which may not be supported by Air Toggle loops, which **may lead to possible entrapment causing serious bodily injury or death**.

1. These steps follow on from Stage 2: Preparation of the Platforms, point 7.

2. Manoeuvre Platform 2 to Platform 1 (which is tied to the vessel) so they are side-by-side. Holding on tightly to the dock line that is attached to the D-ring manoeuvre and secure to Platform 1 D-ring using a Bowline. (Fig 100)

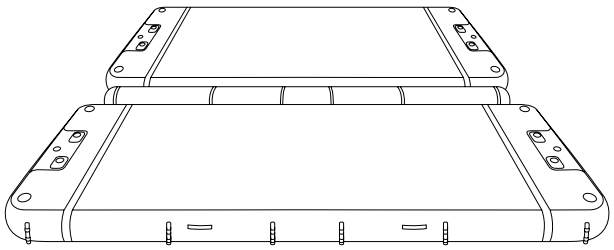


Fig 99 – Completed side-by-side

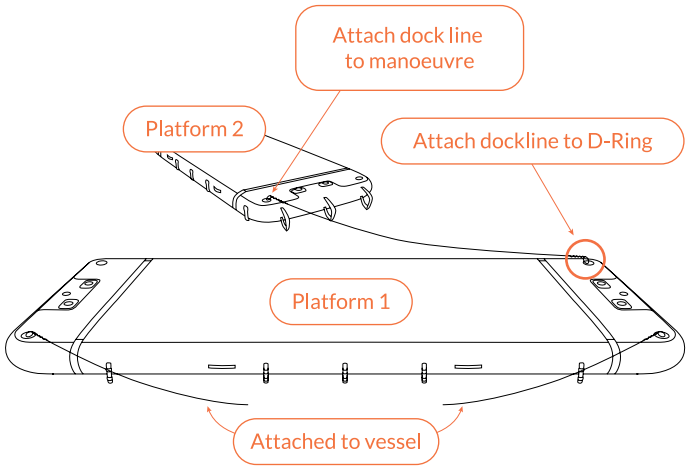


Fig 100 – Platforms secured to each other via a D-rings

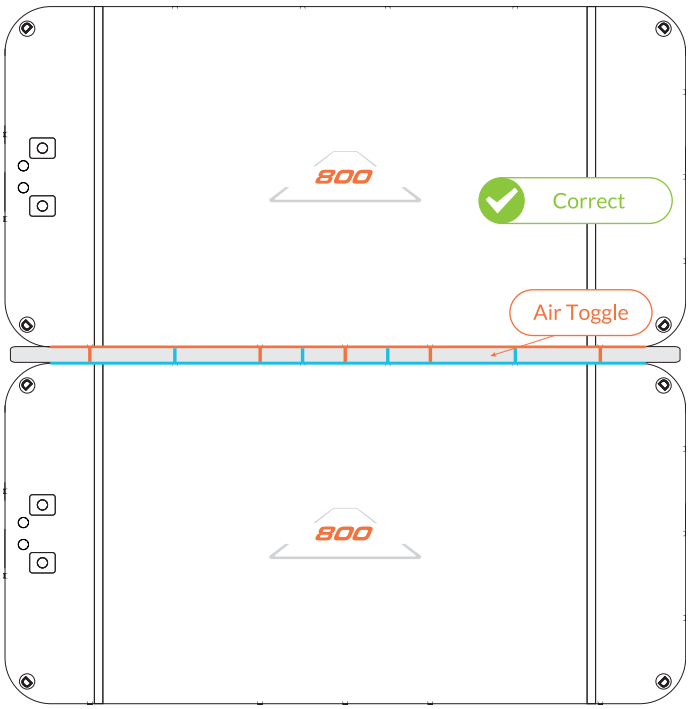


Fig 101 – Correct use of a single Air Toggle to configure a side-by-side connection

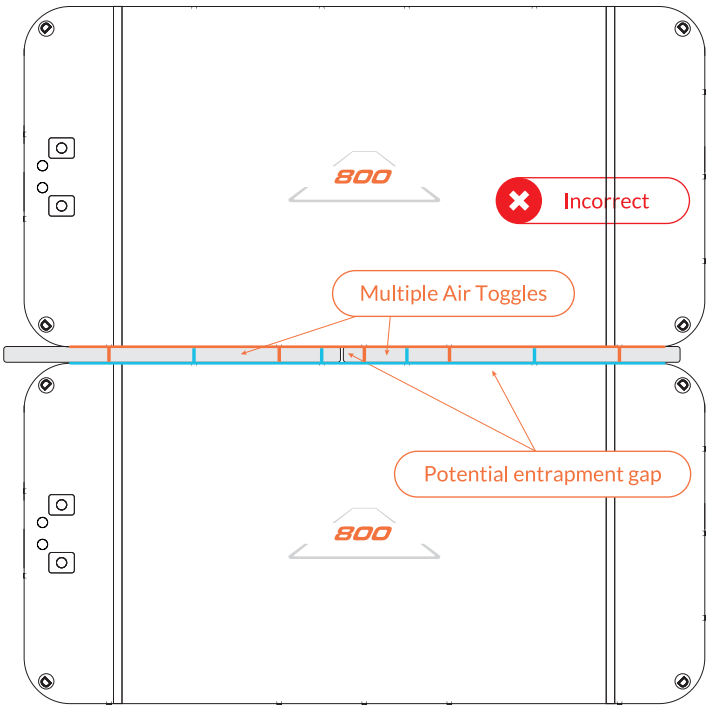


Fig 102 – Incorrect use of multiple Air Toggles to configure a side-by-side connection

3. They must be brought together so that the Air Toggle loops are staggered in between each other (Fig 104).
4. From a kneeling position secure the Platforms to each other using the connection straps and the D-rings. Feed the connection straps through the opposite D-rings of each Platform and secure on both sides of the proposed Air Toggle connection (Fig 105).
5. Push the buckle to secure strap into place on each connection strap. The connection straps provide extra security when linking the Platforms and also in case of Air Toggle failure. They have a quick release buckle for safety to avoid entrapment which runs the entire length of both Platforms being linked.
6. 2 people may be required to feed the Air Toggle for longer connections.
7. From a kneeling position ensure the Air Toggle loops are all unfastened by releasing the Velcro flaps (Fig 103) and that they sit in between each other (Fig 104)
8. The Platforms are now ready to feed the Air Toggle through and inflate, please go to 'How to feed the Air Toggle and inflate using the Stirrup pump' section on page 50.
9. Now the Platforms are connected remove the dock line used to manoeuvre from the D-rings of Platform 1 & 2 and place somewhere safe.

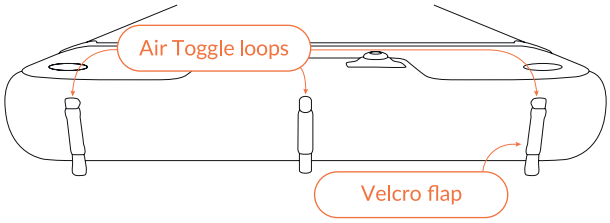


Fig 103 – Undo the Velcro flaps to release the Air Toggle loops

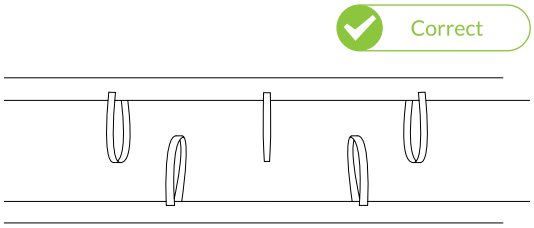


Fig 104 – Correct alignment of Air Toggle loops

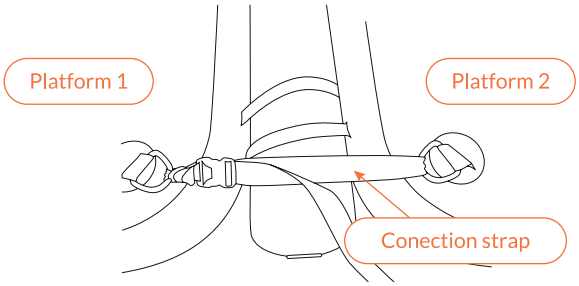


Fig 105 – Connection strap using D-rings between Platforms

Stage 4: To uninstall the connected Products

Warning
Never attempt to uninstall two Platforms in large swells or wakes.
The Platforms can become unstable in large swells,
which may lead to serious bodily injury or death.
Only ever uninstall 2 Platforms in calm water.

For stability, where possible, carry out the following steps from a kneeling position (Fig 83). Remain away from the Platform edge as far as possible so you don't fall in or hurt yourself if the Platform moves suddenly.

1. Follow the To Uninstall Stage 1: Remove Accessories for all Platforms to be removed from the water.
2. Connect a Dock line using a cow hitch to the D-ring on Platform 2 you wish to manoeuvre it with, secure to Platform 1 D-ring using a Bowline.
3. For Platform 2 ONLY follow To Uninstall Stage 2: Emptying the Ballast Bags .

   Note: For side-by-side connections leave the 2 Ballast Bags you can't empty and empty straight after the Air Toggle has been removed.

   For configurations of more than 2 Platforms it is advised the Ballast Bags of the Platform you are removing from the water remain down until it is manoeuvred and attached to either the main vessel or Platform 1. This is in case the wind catches it during manoeuvre.

4. Deflate and remove the Air Toggle from the Air Toggle loops. (Fig 108), put somewhere safe to prevent it from going overboard.
5. Remove the connection straps by pressing the buckle to release. Pull the connection straps free of both Platforms and put them somewhere safe to ensure you don't lose them overboard.
6. Manoeuvre Platform 2 into a good position to remove it from the water, release the Dock line from the D-ring of Platform 1. Hold firmly onto the end of the Dock line to avoid Platform 2 drifting away, and manoeuvre into position.
7. To remove from the water follow To Uninstall Stage 3: Removing the Product from the water and follow the rest of the To Uninstall Stages from there.
8. To remove Platform 1 go to To Uninstall Stage 2: Emptying the Ballast Bags and follow on the rest of the To Uninstall stages from there.

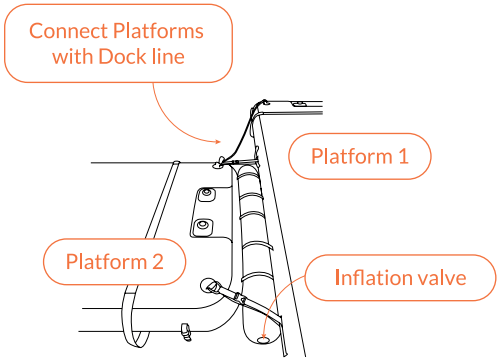


Fig 106 – Open inflation valve to release air

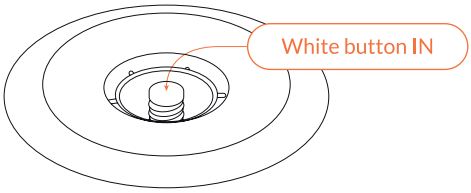


Fig 107 – One way inflation valve open to release air

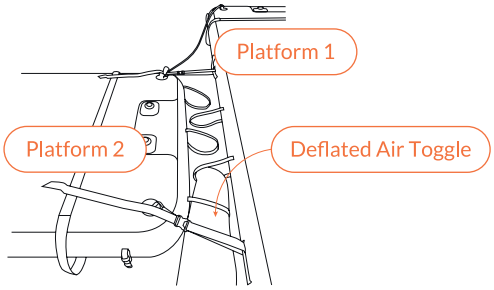


Fig 108 – Remove deflated Air Toggle

Care & Maintenance

There are many damaging elements in the marine environment. Prolonged exposure to salt water can damage and may shorten the expected lifetime of the platform. To reduce these risks regularly maintain the platforms in the following manner.

Warnings

Please be aware that certain products, especially cleaners and protectants, can damage the Product. Use of these products will void the warranty.

Some products, particularly solvent & bleach based products can seriously damage the Product. Use of these products will void the Warranty.

Only ever use cleaning products suitable for PVC on Air Toggles, the Diamond surface and Sport & Voyager Series Platform side walls, Ballast Bags and undersides.

Only ever use cleaning products suitable for Hypalon on Ocean Series Platform side walls, Ballast Bags and undersides.

Only use a mild environmentally friendly biodegradable soap on the teak effect foam.

The teak foam surface must be handled with care. Never drag sharp items over the surface. This will tear or scratch the foam.

Never use high pressure washers to clean your Platform. The use of these will damage your Product and void your warranty.

Do not clean with magic erasers or products made from melamine foam.

Never leave the platform in the water for a prolonged period of time. Damage may occur from corrosion or marine life such as barnacles. Damage caused by exposure to salt water is not covered by warranty.

Cleaning

Before cleaning the Product remove the Air Toggle from the Platform first and re-inflate to clean.

It is easier to clean the Platform and the Air Toggle when inflated.

To clean, we advise to use a very soft bristle brush or sponge with warm water and an environmentally friendly, biodegradable soap. Rinse with cold fresh water and allow to dry fully before deflating and storing.

Regularly clean all of the Velcro with a soft brush and a low pressure stream of water from a domestic hose. A piece of masking tape dabbed sticky side on to the Velcro is great to remove any bits.

Periodically clean the stainless, such as the D-rings and MPM bolts, with a mild abrasive to help retain the lustre.

Ensure to wash out the interior of the Ballast Bags, removing any seaweed, sand or dirt.

The best way to dry the Product is to leave it inflated after rinsing and cleaning and allow to dry in the sun in a protected area.

NautiBuoy recommends the periodic application of Hypalon conditioner to the side walls and Ballast Bags of the Ocean series and a PVC conditioner to the side walls and Ballast Bags of the Sport and Voyager series to help protect and clean the Product.

Platform deflation & storage

For full instructions see page 34

Before Storing allow to dry completely. Any moisture left in the Product could cause Mildew to form which could permanently stain and damage the Product.

Repairing Products

It is recommended that the user does not repair the Product by himself as it implies the use of dangerous products.

Warning!

- Ensure to wear the correct protective clothing and eyewear (PPE) and ensure all work areas are adequately ventilated. Carrying out repairs involves the use of adhesives and solvents. Adhesives and solvents produce fumes, which can be damaging to health if inhaled, absorbed through the skin/eyes or ingested. This can lead to **serious illness or death**.
- These fumes are also highly flammable. Keep away from naked flames, hot-air guns and hair dryers. This can lead to serious illness or death
- Ensure to read all product labels before commencing a repair.
- Keep all products out of the reach of children.
- If product is ingested or has been rubbed into eyes, see a doctor immediately. This can lead to **serious illness or death**.

Important notice!

Glues

Due to certain glues being classified as dangerous goods for transportation by air, we do not supply these glues in the repair kits. These Hypalon and PVC glues need to be purchased from your nearest chandlery. NautiBuoy does not promote or associate with any particular maker or brand of glue and assumes no liability with respect to any glue used with the Hypalon or PVC.

Tear Aid for Emergency Repairs

NautiBuoy provides Tear Aid tape for emergency repairs to Hypalon and PVC until a professional long-term repair can be made. NautiBuoy does not manufacture and does not assume any liability with respect to the Tear Aid tape. It is provided as a temporary solution only.

What's included in the Repair Kit?

1 x Repair Instructions Guide
1 x Tear Aid Instructions
1 x Tear Aid A (Hypalon)
1 x Tear Aid B (PVC)
1 x Light grey PVC Patch
1 x Arctic Grey Hypalon Patch (grey on the back)
1 x 12mm (1/2") brush
1 x Emery Paper
1 x Sand Paper
1 x Silicon Vial (for Platform MPM's)

What's included in the Platform Bag?

Sport & Voyager Series

1 x Light Grey PVC Patch
1 x Orange PVC Patch

Ocean Series

1 x Arctic Grey Hypalon Patch
1 x Orange Hypalon Patch
1 x Light grey PVC Patch
1 x CR/CR Black patch

NautiBuoy Inflatable repair's guide for Hypalon and PVC

Our Products are made to the highest possible standards and, while air leaks are unlikely, they can still occur due to puncturing/tearing or damaged valves. The following guide will help you find the source of the leaks and make.

a. Emergency repairs
b. Long lasting repairs.

For all types of repairs both emergency and long lasting first follow the instructions below of finding your air leak.

Stage 1: Finding your Air Leak

You will need

- Removable waterproof marker pen or chinagraph pencil (not provided)
- Bravo OV10 Electrical Pump
- Stirrup Pump
- Plastic Spray Bottle (not provided)
- Washing up liquid (not provided)
- Warm Water (not provided)

Instructions to find your Air Leak

1. Inflate the device that appears to be leaking air to full working pressure following the instructions in the manual provided with the relevant device.
2. The Platform, Air Toggle & Transom Bumper are all approximately 5.5psi/379MB
3. Thoroughly inspect the device for any obvious signs of wear and tear and listen for the leak. Very often, leaks are caused by the inflation or pressure release valve not being tightened properly.
4. Inspect the inflation valve, by removing the cap and checking that the rubber diaphragms are properly seated and that there is no air leaking. (If air is leaking from the valve, this will need to be replaced or tightened. (Please refer to our valve replacing guide below). Replace the cap and tighten.
5. Fill a plastic spray bottle with warm water and washing up liquid (equal proportions).
6. Spray the liquid over small sections of the leaking device, while inspecting very closely. Small bubbles forming (cuckoo spit) will indicate where any leaks are evident.
7. Spray the solution over all pressure and inflation valves to see whether air is leaking from the valve body/cap or from around the seam.
8. Once a leak is detected dry the area around the hole. Use a waterproof marker or chinagraph pencil to mark each leak with a clear cross to pinpoint the exact position of each leak.
9. Once device has been fully inspected and all leaks identified and marked, hose down device with fresh water and allow to dry thoroughly.

Replacing Bravo Halkey Roberts Inflation Valve and Leafield Marine Pressure Release Valve

You will need:

- Inflation valve key (not provided)
- Pressure release valve key (not provided)

Instructions to replace your Halkey Roberts Inflation Valve or Leafield Marine Pressure Release Valve

- Having located the valve leak, in finding your air leak, make sure the device is still fully inflated.
- Before commencing make sure you have the new valve close to hand.
- Using a valve tool, loosen the valve by turning counter clockwise (Do not completely remove the valve or the boot that holds the valve to the tube will drop inside the chamber and will be extremely hard to retrieve)
- Deflate the tube. Press against the material so you can to hold the boot on the inside of the air chamber. Failure to do so means the boot could drop inside the air chamber and will be extremely hard to retrieve
- Keeping hold of the boot, unscrew the valve the rest of the way and remove. Screw the new valve into place into the boot and achieve a “hand tight” fit only.
- Re-inflate the tube and use the valve tool to tighten the valve fully. Before tightening fully, spray around the edge of the valve with some of the water and washing up liquid used to detect the leak. This acts as a lubricant for tightening and stops the fabric from tearing.

Stage 2: Choose your type of Repair

a. Emergency
b. Long Term

A) Emergency Repairs

Step 1: Choose the Correct Tear Aid

Which Tear Aid Shall I use?

Tear Aid Type	What fabric does it repair?	Which part of the Products will it repair?
Tear Aid ® Type A	Hypalon & Neoprene	Ocean Series : Platform Side walls Ocean Series : Platform Base Ocean Series : Ballast Bags
Tear Aid ® Type B	PVC	Sports & Voyager Series : Platform Side Walls Sports & Voyager Series : Platform Base Sports & Voyager Series : Ballast Bags Transom Bumpers, base and side walls Air Toggles

Step 2 : Follow Tear Aid Instructions

Full instructions on how to use the different types of Tear Aid are supplied by the manufacture of Tear Aid. Please see the separate instruction sheet provided in the Repair Kit.

Emergency repairs are for Emergencies only and are for a temporary basis only.
NautiBuoy advises that permanent long term repairs be sought from a professional repair shop immediately.

B) Long Term Repairs – Repairing Hypalon & PVC

Due to the nature of the construction of the various devices. These instructions are for repairing the following for small punctures and tears where a single patch is required on the **outside** of the fabric **only**.

a. Sidewalls of Ocean, Voyager & Sport Series Platforms
b. Sidewalls of Transom Bumpers
c. Air Toggles
d. Platform Bases – Bottom & Top (where there is no foam)
e. Transom Bumpers – Top & Bottom

Only Air Toggles can be repaired with a patch to the inside as well for tears above 20mm (0.7")

NautiBuoy advises that long term repairs be sought from a professional repair shop.

Dropstitch : Warning
The Platform bases and Transom Bumpers are made of dropstitch (Fig 109). The inside contains thousands of threads running vertically from the top to the bottom of the base. They must not be touched by glue.

When repairing a leak to the Platform or Transom Bumper. Do NOT glue any patches on the inside. Therefore for tears greater than 20mm (0.7"), which require a patch on the inside as well as the outside, this is not possible unless repaired by a professional dropstitch specialist.

Fig 109 – Dropstitch inside the platform

Step 1: Locate your Air Leak
Follow the instructions in Stage 1: Finding your Air Leak

Step 2: Choose the correct Fabric type for the repair?

For Long term Repairs

Ocean Series ONLY

Fabric Type	What does it look like?	What is it for?	Where can I find it?
Hypalon (Arctic grey)	Light Grey one side / dark grey the other	Platform Side walls for OCEAN series	1 x Patch in Repair kit 1 x Patch in Platform Bag
CR / CR	Black Both sides	Platform Base	1 x Patch in Platform Bag
Hypalon (Orange)	Orange one side / Dark grey the other	Ballast Bags	1 x Patch in Platform Bag
PVC (Light Grey)	Light Grey BOTH sides	Air Toggle	1 x Patch in Repair kit 1 x Patch in Platform Bag

Voyager & Sport Series ONLY

Fabric Type	What does it look like?	What is it for?	Where can I find it?
PVC (Light Grey)	Light Grey BOTH sides	• Platform side walls and base for SPORT & VOYAGER series. • Air Toggle • Transom Bumper	1 x Patch in Repair kit 1 x Patch in Platform Bag
PVC (Orange)	Orange BOTH sides	Ballast Bags of SPORT & VOYAGER series	1 x Patch in Platform Bag

Step 3: Ensure the working environment is correct

Successful repairs are dependent upon the environment in which the repair is to be carried out.

- Temperatures need to be between 18C (64.4F) and 25C (77F)
- Humidity less than 60%.
- The work area must be dry and well ventilated and with no naked flames or uncovered heat sources nearby.
- Ensure you have adequate space to inflate the device fully.

Step 4: Materials and tools required

- Glue: 2 parts adhesive for Hypalon or PVC depending on which device is to be repaired. (PVC adhesives will not bond to Hypalon or vice versa) (not provided)
- Correct type of fabric patch for the repair –see Step 1 above
- 2 patches of fabric if the tear is greater than 20mm in length (Air Toggles only)
- Piece of clean polythene (if tear greater than 20mm in length). Cut to the same size as the inner patch. (not provided)
- Acetone (or other solvent/primer) (not provided)
- 180 grit sand paper.
- Wooden mixing stick. (not provided)
- Clean, lint-free cloth. (not provided)
- Short, stiff paint or glue brush.
- Removable marker pen or chinagraph pencil. (not provided)
- Masking tape (preferably blue). (not provided)
- Seam roller or rounded object i.e. screwdriver handle (to remove air bubbles). (not provided)
- Heavy weight (to hold patch in place while curing). (not provided)
- Sharp scissors or razor knife. (not provided)

Step 5: Deflate the Product completely before commencing repair

Warning: Repairs can only be carried out with the device completely deflated.

- Deflate and place the area to be repaired on a hard flat surface so the repair is flat and unwrinkled.
- Any wrinkles or creases where the patch is applied could still mean an outlet for any air and the repair will be unsuccessful.

Step 6: Identify the size of repair & how much fabric you need

Repairs can be divided into punctures/small tears and larger tears (over 20mm/0.7”):

1. Punctures/small tears can be repaired with a single patch to the outside of the device.
2. Larger tears (over 20mm/ 0.7”) must be repaired by affixing a patch on the inside as well, as the outside. You will need 2 patches (Air Toggles only).

When following the instructions below please be aware that they combine both types of repair. Certain steps for the larger tears and inside patch fixing can be bypassed for smaller repairs.

Step 7: For all Size of Repairs

Cut the Patch and Prepare the Surface Area

1. Using sharp scissors or a razor knife cut the fabric patch (or 2, if tear is greater than 20mm (0.7”)) with round corners, allowing a minimum 5cm (2”) overlap around the hole/tear in all directions. This means a 5cm x 5cm (2” x 2”) patch for a small pin sized hole.
2. Place the patch over the hole and mark the device around the patch with a pencil/removable marker pen (if tear greater than 20mm in length, cut one matching shaped piece of polythene).
3. For Hypalon only, scratch up the rear of the patch using the 180 grit sand paper as well as the marked repair area on the device. This will achieve a key to which the adhesives can efficiently bond. Do not over abrade as it may damage the fabric. (PVC does not require scratching).
4. Blow away any dust caused by sanding, then clean/prime the rear of the patch and also within the marked area **only** needing repair on the device. Use a clean dry lint-free cloth, by wiping with Acetone. Wait until all of the Acetone has evaporated. (PVC will become tacky. This is quite normal).
5. Ensure to only clean within the marked area of the device only.
6. It is important to prepare the surface of the device & patch correctly or the patch could fail.
7. Do not touch the cleaned areas with your fingers, oil from your fingers may cause the patch to fail.
8. Mask the area to be repaired with masking tape to avoid unsightly adhesive overspill when applying the adhesive. Ensure to allow a 3mm (1/8”) gap around the pencil mark to allow for stretch in the patch when applied.
9. Mix the adhesives as per the instructions that were supplied with the adhesives.
10. For repairs less than 20mm (0.7”) skip the next step and go to Step 8.

Step 8: For Tears greater than 20mm (0.7”)
Applying a patch to the inside of the device. FOR AIR TOGGLES ONLY
For other devices made from dropstitch the repair must be made by a professional dropstitch specialist
It is necessary to apply a patch to the inside of the tube as well as the outside. Please follow the next steps to apply the inside patch.
Carefully read and follow the instructions on the glue you are using- these instructions are for a guideline only.

1. **If the tear is greater than 20mm (0.7”)** then, using a brush, apply an even, thin coat of adhesive to the back of one of the patches and to the inside tube surface around the repair area. Leave to dry for at least 20 minutes, apply a second and third coat, leaving each coat to dry for 2 minutes or until tacky. (always follow the glue instructions)
2. Place the piece of polythene over the freshly applied adhesive on the patch so that the patch can be rolled-up into a cylindrical shape without the adhesive sticking to itself.
3. Insert the rolled-up patch into the tube through the cut or tear in the device.
4. Unroll the patch inside the tube, position over the tear and then peel away the polythene to allow the two glued surfaces to meet (N.B. as adhesives are ‘contact’ adhesives then it is important to position the patch correctly as it will not be possible to re-position once in place, also take care not to get in contact with your fingers!)
5. Smooth the patch firmly using a seam roller or rounded object (e.g. piece of shaped hardwood or screwdriver handle), working from the centre of the patch outwards to smooth out any air bubbles and ensure good contact.
6. Follow the instructions below: Apply the exterior patch & glue

Step 9: Apply the exterior Patch & Glue
Carefully read and follow the instructions on the glue you are using- these instructions are for a guideline only.
1. Make sure the area to be glued is dry and flat.
2. On the outside of the device, using a brush, apply an even, thin coat of adhesive to both the rear of the external device patch and the masked repair area on the device, leave to dry for at least 20 minutes, apply a second and third coat, leaving each coat to dry for 2 minutes or until tacky, apply the patch carefully to the repair area. (Always follow the glue instructions)

Important: as adhesives are ‘contact’ adhesives then it is important to position the patch correctly as it will not be possible to re-position once in place.

3. Smooth down the patch firmly using a seam roller or rounded object (e.g. piece of shaped hardwood or screwdriver handle), working from the centre of the patch outwards, in order to remove air bubbles and ensure good contact.
4. If the patch is not sticking in areas or air bubbles remain, then the area can be gently heated with a hot-air gun or hair drier and ‘re-worked’ (Warning: do not use a hot-air gun or hair drier with adhesives or solvents still in the work area)
5. Remove the masking tape and clean off any excess adhesive with the Acetone. It is important to remove any excess adhesive as if this remains on the surface of your device, it will leave unsightly brown stains.
6. Important: Do not clean the rest of the device with Acetone just the excess adhesive. Acetone damages PVC.

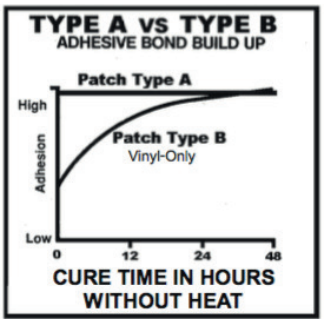
Step 10: Dry and Check
1. Place a smooth sided heavy weight on the patch and allow to ’cure’ for 24 hours before re- inflating to check that the repair has been successful and before re-launching the Platform or using device.
2. After 24 Hours inflate the device to 50% working pressure and check the repair has been successful.
3. To check the repair has been successful fill a plastic spray bottle with warm water and washing up liquid (equal proportions).
4. Spray the liquid over the repair sections, small bubbles forming (cuckoo spit) will indicate where any leaks are still evident.
5. If no leaks are evident monitor then pressure with a monometer over a period of 12 hours recording the pressure before and after.

Disclaimer
It is not possible for NautiBuoy Marine to warn you about every possible danger related to the repair of this Product. Please use your own good judgement when repairing the Platform.

Tear Aid Instructions

IMPORTANT:
Type A is at approximately 90% adhesion upon initial application and 100% adhesion after one (1) hour.
Type B - vinyl only - is at approximately 50% adhesion upon initial application and 100% adhesion after twenty-four (24) hours.

TEAR-AID® is the durable, flexible, airtight, watertight, puncture-resistant, industrial-strength patch that protects against abrasion, moisture, saltwater, UV sunlight and extreme temperatures.



TEMPERATURE: Approximate Range after application
TYPE A: -20° F TO 140° F / -28° C TO 60° C
TYPE B: -20° F TO 190° F / -28° C TO 87° C

Type A feels extremely sticky compared to Type B but they both have the same adhesion capability. It takes Type B longer to have 100% adhesion because it takes Type B adhesive more time to move into the microscopic pores of the vinyl to get a lot of surface area to adhere to. Do not pick at the Type B patch within the first twenty-four (24) hours until it is fully (cured) adhered because you will be able to pull it off. Initial adhesion of Type B is generally high enough for immediate use of repaired product.

"USER MUST STRICTLY" FOLLOW THE APPLICATION INSTRUCTIONS AND PRODUCT REPAIR LIST CAREFULLY TO OBTAIN PROPER BOND. TEAR-AID® REPAIR PATCHES ARE NOT TO BE USED ON ANY DEVICES, PRODUCTS, INFLATABLES, BOATS, OR RAFTS WHERE SAFETY IS AT ISSUE.

UNDERWATER VINYL REPAIR (WITH VINYL-ONLY TYPE B)
Step 1: When applying underwater, apply to a smooth non-textured vinyl surface. Almost all pool liners are a good surface. Clean and scrub area larger than where patch is going to be applied to. Do not apply to an uncleaned area. Do not foul patch in a scummy water application. If patch is partially above the water line, clean dry area with alcohol prep pads using the dry application instructions. IT IS IMPORTANT TO SQUEEGEE THE WATER OUT FROM BETWEEN THE PATCH AND THE VINYL.

Step2: Cut patch to size with scissors allowing for the patch size to extend 1 inch (25mm) beyond all edges of the tear. Trim square corners into rounded corners.

Step 3: Do not foul the patch with your fingers, Carefully peel back 1⁄2 inch (12.5mm) of paper liner.

Step 4: Position the patch with the paper liner still on it underwater and anchor exposed 1⁄2 inch (12.5mm) edge allowing the patch to extend 1 inch (25mm) beyond all edges of the tear.

Step 5: Slowly peel back liner while carefully rubbing down with your fingers. DO NOT ALLOW THE PATCH TO WRINKLE. IT IS IMPORTANT TO SQUEEGEE THE WATER OUT FROM BETWEEN THE PATCH AND THE VINYL.

Step 6: Use a firm squeegee to rub from center of patch outward in all directions firmly. Do not pick at the patch. Full adhesion requires 24 hours.

IMPORTANT NOTICE: TEARepair, INC. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Please remember that many factors can affect the use and performance of a TEARepair, Inc. product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of TEARepair, Inc. product. Given the variety of factors that can affect the use and performance of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the TEARepair, Inc. product to determine whether it is fit for a particular purpose and suitable for the user's method of application. LIMITATION OF REMEDIES AND LIABILITY: If the product is proved to be defective. THE EXCLUSIVE REMEDY, AT TEARepair's OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE PRODUCT. TEARepair, Inc. shall not otherwise be liable for any loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability. "USER MUST STRICTLY" follow the application instructions and product repair list carefully to obtain proper bond. NIETHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT.

DRY REPAIR TEARS AND HOLES

For best results apply to a clean, dry surface. Clean the surface to be repaired with an alcohol prep pad, or a 50/50 mixture of rubbing (isopropyl) alcohol and water. **Before proceeding make sure surface is dry, and you have the correct patch type for the kind of material you are repairing.**

Surface temperature of the materials to be repaired should be 50° F (10° C) or warmer. Do not put repaired material into a washer or dryer.

Step1: CUT: Cut patch to size with scissors allowing for the patch size to extend 1 inch (25mm) beyond all edges of the tear. If using more than one patch, allow for patch sizes to overlap at least 1 inch (25mm). Trim square corners into rounded corners.

Step 2: PEEL: Carefully peel back 1⁄2 inch (12.5mm) of paper liner. Tearing the paper liner while stretching the edge of the patch will help to separate the liner from the patch - especially when the patch has been cut into smaller sizes.

Step 3: STICK: Position and anchor exposed 1⁄2 inch (12.5mm) edge – allowing the patch to extend 1 inch (25mm) beyond all edges of the tear. Slowly peel back the liner while carefully applying the patch over the tear – take care to avoid air bubbles. Rub all edges to seal. Rub entire patch aggressively. Follow Steps 1-3 on the back side of the repair if you have access to the back side. Repair is complete.

REPAIRING TEARS EXTENDING THROUGH AN OUTSIDE EDGE

Follow steps 1 through 3 with the following adjustments:

Cut the patch size to extend a full 1 inch (25mm) beyond the edge of the torn material.
Peel and Stick, positioning the patch **leaving a 1 inch tab (25mm) extended beyond the outside edge** of the torn material.

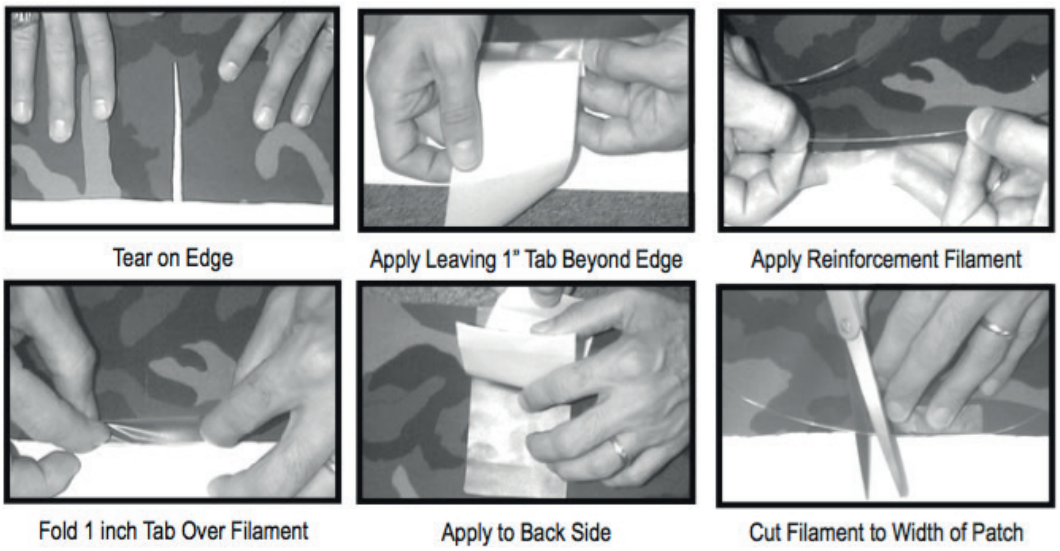
Step 4: Turn the material over, so that the adhesive side of the tab is facing up.

Step 5: Position reinforcement filament tightly against the outside edge of the material by sticking it to the patch tab. The filament should be perpendicular to the open end of the tear to create a tough solid edge.

Step 6: Fold over the patch's 1 inch (25mm) tab and rub to adhere to the backside of the material – sealing in the reinforcement filament.

Step 7: Apply another patch to the backside of the patched tear (so that both sides of material are patched) Rub entire patch aggressively.

Step 8: Trim excess line. Repair is complete. (80lb / 36kg Test Fishing line is our suggested reinforcement filament line)



HEAT TO SPEED UP CURING TIME (OF VINYL-ONLY TYPE B)

Heating is an option but normally not needed. For TEAR-AID® Vinyl-Only Type B - to transform the good initial bond to an extremely high bond that would otherwise take 24 hours of curing time - After the patch is applied to the tear, briefly heat using an industrial heat gun that is set at approximately 350° F 176° C. **Heat time will vary depending on size of patch and distance of the heat gun from patch**. As the adhesive hot melt occurs, the patch see-thru clarity may change and appear easier to see-thru. This is an indication of over heating and the heat should be removed. **Allow repair to cool before handling.**

Warranty and what's covered.

NautiBuoy Marine Ltd provides a limited warranty on their platforms covering defects in manufacturing and materials. They warrant to the original private purchaser of a platform:

a) All seams of the platform, inflation and pressure release valves and the fabric used in the construction of the platform for air tight integrity shall be free of defects in materials and workmanship for a period of 36 months from the date of purchase.
b) The fabric of the platform used for airtight integrity and the Ballast Bags shall be free of deterioration including cracking and porosity but not fading, discolouration or chaffing for a period of 36 months from the date of purchase.
c) All handles, vertical, horizontal, D-Rings and anchor point, ballast dump system fitted to the platform shall be free from defects in material and workmanship but not fading, discolouration or chaffing for 24 months from the date of purchase.
d) The teak effect foam and Velcro strips on the top shall be free from defects in materials and workmanship but not fading or discolouration for 24 months from the date of purchase.
e) The Multipurpose platform mountings (MPM's) fitted to the platform shall be free from defects in materials and workmanship for 24 months
f) All seams of the Air Toggle, inflation and pressure release valves and the fabric used in construction of the Air Toggle for air tight integrity shall be free of defects in materials and workmanship but not fading, discolouration or chaffing for a period of 12 months from the date of purchase.

1. This warranty applies only to the original purchaser of the Product
2. The warranty is valid only with dated proof of purchase
3. The warranty is only valid when the Product is used for normal recreational activities. It does not cover use in schools, rental operations or commercial activities
4. NautiBuoy Marine Ltd is responsible only for repairing or replacing the Product covered by this warranty

What is not covered

This warranty does not cover damage caused by: -

a) Normal wear and tear.
b) Abuse, neglect, misuse, accident, improper operation, collision, alteration. This includes but is not limited to damage caused by excessive sun exposure, excessive salt water exposure, damage caused by incorrect storage, handling or maintenance, damage caused by chemicals or damage caused by objects striking the platform or damage caused by anything other than defects in materials and workmanship.
c) Foam damage due to platforms washing under raised transoms, above the waterline where transom bumpers should and could have been used.
d) This warranty does not cover damage caused if the platform or Air Toggle is left out in temperatures of 45 degrees or over
e) Any damage caused by towing a NautiBuoy platform and Air Toggles or any damage caused by recovering or lifting a NautiBuoy platform and Air Toggles.
f) Platforms and Air Toggles purchased for commercial use.
g) Sometimes equipment installed on or sold with Nautibuoy Platforms (such as Bravo pumps) carry their own individual warranties provided by their respective manufacturers. In such cases any warranty claims regarding those parts should be directed to those manufacturers and not Nautibuoy Marine Ltd.

The warranty is voided if:-

a) The warranty will be rendered null and void in the case of neglect on the instructions concerning use and if the failure is caused by lack of care by the owner or user, nor does it cover use of the Product other than specified by NautiBuoy Marine Ltd.
b) The warranty is voided if any modifications, repairs or changes have been made to any part of this piece of equipment. No authorisation is given by NautiBuoy Marine Ltd to do this.
c) The warranty is voided if the platforms are used off the stern of vessels with transoms resting higher than the waterline, without the addition of Transom Bumpers.

How to obtain your warranty repair

If it has been decided by NautiBuoy Marine Ltd that the Product is defective, the warranty will cover the repair or replacement of the defective Product only. NautiBuoy Marine Ltd will not be held responsible for any costs, damages or losses incurred as a result of the loss of use of this Product.

a) All warranty claims must be accompanied by the original purchase receipt. The purchase date and retailer of the Product must be clear and legible.
b) NautiBuoy Marine Ltd will determine the final warranty. NautiBuoy Marine Ltd may ask to inspect the Product or ask for photos of the Product and defects. The above will require to be sent to Dartington, Devon, UK, or another location of our choice, which will be informed in writing, with prepaid freight. Alternatively by email to info@nautibuoymarine.com.
c) The Product can be returned only when NautiBuoy Marine Ltd have issued the purchaser a Returns Authorisation Code (RAC). This (RAC) will need to be clearly printed on all correspondence and contained within the returning delivery package. Packages without (RAC) numbers will not be accepted into the warehouse. NautiBuoy Marine Ltd will perform all responsibilities within (90) days.
d) In many cases a local authorised repair shop may be utilised for repairs. NautiBuoy Marine does not assume any liability for any work performed on a NautiBuoy platform or Air Toggle at an unauthorised service centre and/or without NautiBuoy Marine Ltd prior approval.
e) If NautiBuoy Marine Ltd or the authorized repair shop deem the Product not covered under warranty after receipt of the Product, a quote will be given to the customer for the repair which will include all shipping costs. If the customer decides not to accept the quote, the Product will be returned in the condition in which it was received once all shipping costs have been paid.

The repair, replacement of parts, or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

General

1. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
2. THIS WARRANTY EXCLUDES, AND NAUTIBUOY SHALL NOT BE LIABLE FOR, ANY INCIDENTAL AND CONSEQUENTAL DAMAGES FOR ANY PURCHASE OR USE OF ITS PRODUCTS. Some U.S states do not allow for the exclusion or limitation of implied warranties or incidental or consequential damages. Thus, depending upon where you reside, the limitations in this warranty may not apply. NautiBuoy Marine Ltd does not, and nothing in this warranty shall be interpreted to, warrant that the use of its Products will protect against serious injury or death.
3. There are no other warranties which extend beyond the warranty specified here.
4. A copy of this warranty can be found online at www.nautibuoymarine.com

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