



RESSALAGE

zulupack

D24



b

SNAP Shackle  
release line

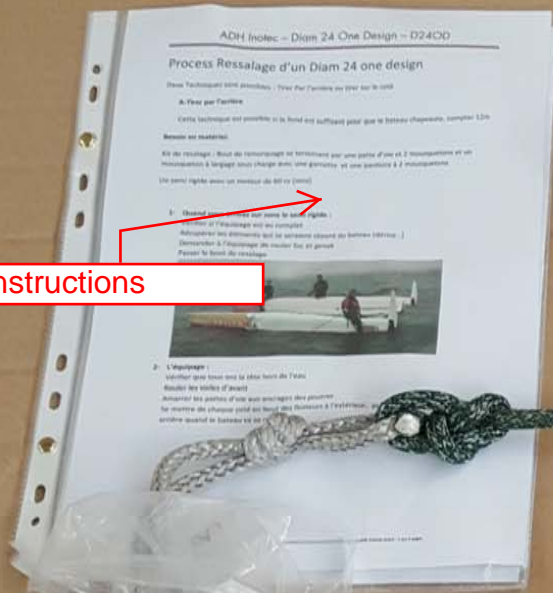
Towing Line

SNAP Schackle

Instructions

Fwd bridle and 2 x  
karibeaners

AFT bridle with 2 x  
karibeaners



## Righting your Diam24od after capsize

Two techniques are possible

- Pulling stern first
- Pulling sideways

### Pulling Stern first

This technique is only possible if you have sufficient depth - I.e. approximately 12m. The boat normally would present itself turtled (upside down).

#### Equipment Required

- Righting kit (Supplied by ADH Inotec) comprising 4 x snap karabiners, attached to two bridles, 1 x towing line, 1 x snap shackle and its release line.
- 1 x Rigid Inflatable Boat (or other) with a motor of minimum 60Hp.

#### Process

##### 1. When you (rescue boat) arrive in the zone of the capsized boat.

- Ensure the crew is complete (No one is missing)
- Retrieve any floating objects that may have become detached from the boat, like fenders, daggerboard etc.
- Ensure the gennaker and jib are both furled and the main sheet is uncleated.
- Pass the righting kit to the crew.





### 2. Crew

- Ensure all crew are present and have their heads above water.
- Furl both the jib and the gennaker, uncleat the main sheet.
- Remove daggerboard and pass to rescue boat
- Attach the fwd. bridle of the righting kit, by attaching the 2 x karabiners to the 2 x D rings on FWD beam fixation angle brackets.
- Attach the **aft bridle (with the snap shackle)** by attaching the 2 x karabiners to the 2 x D rings on AFT beam fixation angle brackets
- Pass the tow line to the rescue boat.
- Position the crew on the each floater near the rudders so that when the boat is righted you are able to get on board easily.
- One of the crew members should keep snap shackle release line in hand.

Attach Fwd. bridle



Attach Fwd. bridle



## ADH Inotec – Diam 24 One Design – D24OD

---

Attach Rear bridle



Prepare tow line for Rescue Boat



Pass Line to rescue Boat





### 3. Pulling with the Rescue Boat

- It is preferable to align the rescue boat upwind of the capsized boat but may not be achievable because of current/sea state etc. Avoid pulling downwind.
- Be careful not to get the towing line tangled in the rudders.
- Pull moderately, stern first.
- The boat will start to right with the stern digging in because of the mainsail and mast acting as a brake.



### 4. When the boat is near vertical

- Ask or signal to the crew to pull the release line to the snap shackle. This will move the fixation point of the towing line to the fwd. bridle.
- The crew can then move around the floater and onto the boat via the rear beam as the boat is near vertical.



### 5. Finishing righting the Boat

Slow down, the loads will become less and the boat will right to its normal position.



## Righting Sideways

This technique is obligatory when there is not sufficient depth – and the mast is touching the bottom – i.e. less than 12m. The boat then presents itself on its side i.e. not completely turtled.

Note: The fundamental issue/difficulty to overcome in this case is sideways slip. To try to right it as you would a beach catamaran by simply pulling from a high point above the water level - doesn't work. It is therefore important to be able to anchor (by varying means) the floater that is in the water to prevent the sideways slip.

The process described here uses two RIBS – but the function of the 2<sup>nd</sup> RIB could be replaced by either an anchor – or by attachment to an existing buoy close by.

### Equipment Required

- Righting kit (Supplied by ADH Inotec) comprising 4 x snap karabiners, attached to two bridles, 1 x towing line, 1 x snap shackle and its release line. A simple length of tow rope can also work but the karabiners are very useful.
- 1 x Rigid Inflatable Boat (or other) with a motor of minimum 60Hp.
- A means to anchor the floater which is in the water – this could be achieved by using an anchor, another RIB, tying up to a buoy etc.
- A second tow line or line to secure to a buoy or and anchor with anchor line.

### Process

#### 1. When you (rescue boat) arrive in the zone of the capsized boat.

- Ensure the crew is complete (No one is missing)
- Retrieve any floating objects that may have become detached from the boat, like fenders, daggerboard etc.
- Ensure the gennaker and jib are both furled and the main sheet is uncleated.

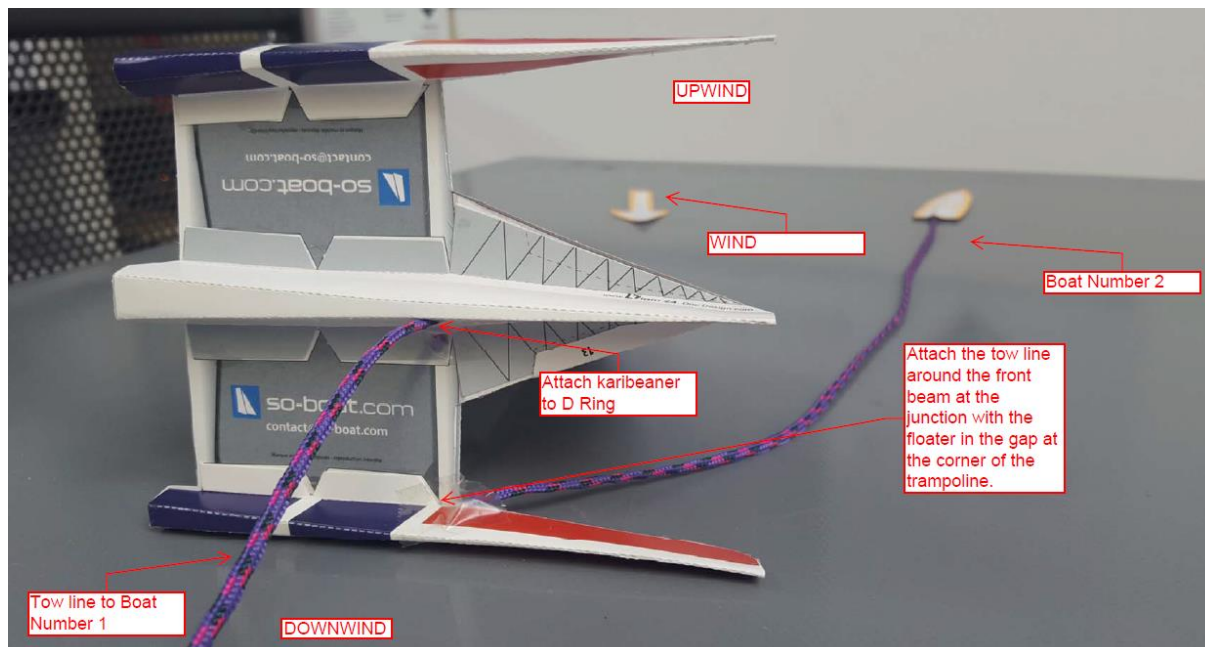


## ADH Inotec – Diam 24 One Design – D24OD

- Pass the righting kit as well as the secondary tow line/or anchor to the crew.
- Assuming there are two RIBs present define who will coordinate the righting exercise.

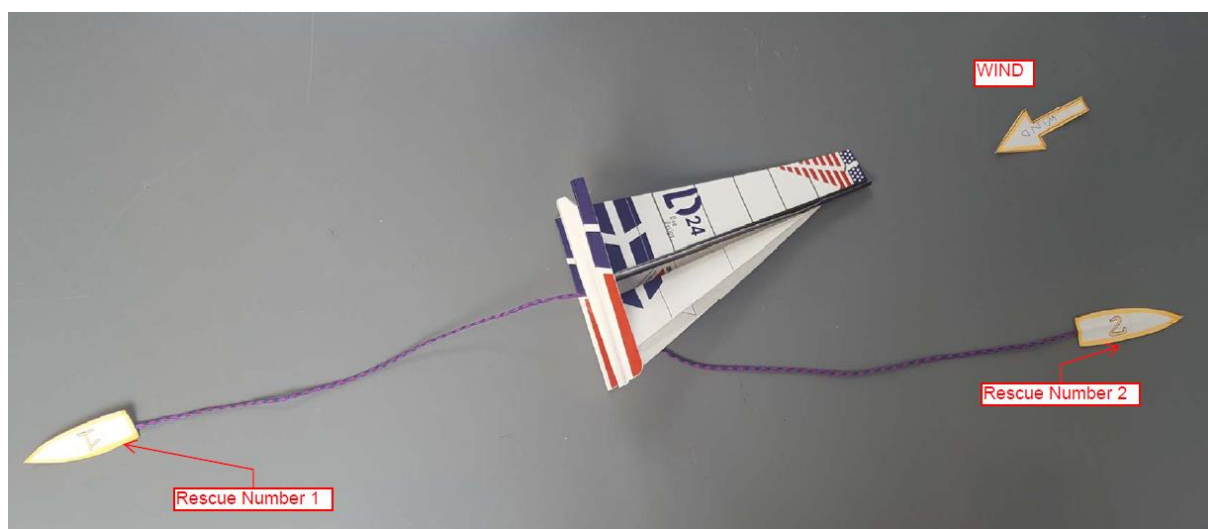
### 6. Crew

- Ensure all crew are present and have their heads above water.
- Furl both the jib and the gennaker, uncleat the main sheet.
- Attach **one karabiner of the fwd. bridle** of the righting kit, to the **Lower (closest to water) D rings** on the **front beam** fixation angle bracket.
- Pass the tow line to the rescue boat No 1
- Attach the second righting line around the front beam at the beam floater junction (in the gap between the trampoline and the front beam).
- Pass this righting line to Rescue boat number 2.
- If there is no second RIB available you can use an Anchor to replace it and attach the end of anchor line to the same place.
- Position the crew **on the floater in the water - fwd. of the front beam** so that when the boat is righted they are able to get on board easily.



### 7. Pulling with the Rescue Boat No 1 and No 2

- Normally after the natural movement of the boat around the point touching the bottom (the mast) - the boat will be positioned with the mast upwind of the platform. ( See photo below )
- Rescue boat No 1 pulls the boat upright while rescue boat No 2 prevents the floater from slipping sideways towards the pull of Rescue Boat No 1.
- I.e. rescue boat number 2 holds station rather than pulling.
- Be careful not to get the towing line tangled in the rudders.
- Pull with moderate speed.
- The boat will start to right with the floater in the water being anchored by RIB No 2.



### 8. When the platform passes vertical

- The crew can then move over the floater and onto the trampoline as the boat rights.

### 9. Finishing righting the Boat

Slow down, the loads will reduce and the boat will right to its normal position.