

Am Jägersberg 5-7  
24161 Altenholz  
Germany

phone: + 49 - 4 31 - 3 69 60 - 0  
fax: + 49 - 4 31 - 3 69 60 21  
mail: info@hydrobios.de /  
sales@hydrobios.de  
web: www.hydrobios.de

## **Operating Instructions for Bottom Sampler acc. to van Veen Catalogue No. 437 330 / 332**

With the Bottom Sampler acc. to van Veen samples can be extracted from any desired depth.

The two end eyes of the provided bridle are connected to the borings of the levers by means of two shackles. The centre eye of the bridle is used to shackle the Bottom Sampler to the mechanical termination of the winch rope.

The Bottom Sampler has to be opened before operation. Both levers are spread wide apart so that the jaws are completely open. The hook on one side of the sampler is caught on the other side. The security clip (large model Cat. No. 437 332 only) which is put into the hook avoids unintended closing of the sampler while still on board. This security clip is only removed when the Bottom Sampler is being lowered into the water.

Now the Bottom Sampler is heaved by means of the winch rope so that the hook remains arrested. The security clip is removed and the Bottom Sampler is being lowered to the bottom of the sea. Upon making contact with the water bed, the locking mechanism is released and when the rope is pulled taut to raise the sampler, the jaws close.

