

## Application No. 74: Man Overboard!

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### No one is too small for being worth a rescue!

Wolfgang Horbens sends us this dramatic use of our SuperMagnets:

SOS ... SOS ... a sailor on the fire drenching boat FLB 40 has fallen overboard during a large-scale operation. A crane immediately drops a life raft in the water to begin the rescue.



The life raft should save the sailor and bring him back to the boat or to the shore.



The life raft is fitted with a rod-shaped magnet S-04-10-N ([www.supermagnete.de/eng/S-04-10-N](http://www.supermagnete.de/eng/S-04-10-N)) on either side and the sailor wears a magnetic disc S-15-03-N ([www.supermagnete.de/eng/S-15-03-N](http://www.supermagnete.de/eng/S-15-03-N)) on his chest and on his back.

When the life raft swims by (within approximately 4 cm of the sailor), the sailor is automatically pulled to the raft and attached magnetically to it. The rescue is successful!



By the way - we have to admit - the boats are all remote controlled from the safety of the shore. :-)



### Articles used

2 x S-15-03-N ([www.supermagnete.de/eng/S-15-03-N](http://www.supermagnete.de/eng/S-15-03-N))

2 x S-04-10-N ([www.supermagnete.de/eng/S-04-10-N](http://www.supermagnete.de/eng/S-04-10-N))

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