**Liferaft**

**(Viking, ISO1/offshore, 6 person)**

# Location: Under helm steps

# How to deploy

* Use knife to cut the straps
* **Do not** cut the straps that hold the canister together
  + Otherwise, it may deploy
  + Designed to burst open during deployment
* Lift step
* Haul out canister
* **Fasten the painter line** (red line coming out of the liferaft - approx. 30 ft/10 m long) to a strong point on the boat - preferably a cleat
* Pull out about 10 feet (3 meters) of the painter line.
* Deploy liferaft to leeward. Use vessel to protect the liferaft from wind and waves. Unless the vessel is on fire, then launch to windward
  + inflates within seconds once the 10m/30 ft. red painter line is pulled and the CO2 in the cylinder is released into the air chambers
* If it is overturned (inflates upside down)
  + jump into the water
  + turn the liferaft into the wind
  + climb up onto the cylinder
  + grab the righting strap on the bottom of the liferaft
  + lean back
* Pull liferaft toward the vessel with the painter line.
* Additional items to get
  + Grab bag
  + EPIRB
  + Additional gear to stay warm
    - Jackets
    - Hats
    - Gloves
    - Water boots
* Jump directly from vessel into liferaft (if possible).
  + Have life jackets on
  + Try to stay dry
  + Don’t forget grab bag and EPIRB
  + First person in should move to the back so others can get in.
* Pull out painter line and stay attached to vessel unless sinking or on fire. If you need to cut the painter line, there is a knife attached to the upper buoyancy tube right hand side of the canopy entrance.
* Activate the EPIRP
* Manually Inflate the double floors with bellows provided in the equipment bag.
  + Inflatable floors do not automatically inflate because they do not have pressure relief valves installed as the release of CO2 adversely affects some people and the floors are under a different working pressure than the buoyancy tubes.
* Deploy sea-anchors
  + In rough seas
  + To reduce capsizing
  + To reduce drift
* Retract sea anchors if need to manually move raft.
* Count number of people
* Address first aid
* Everyone takes sea sickness pill
* No water for first 24 hours
* If have multiple sigling devices (like EPIRB), stagger when they are turned on
* Take inventory of what is available
* Standard equipment
  + sea anchor
  + buoyant knife (by painter line)
  + rescue quoit
  + paddles
  + SOLAS parachute rockets
  + SOLAS hand flares
  + SOLAS flashlight with extra batteries and bulb
  + Whistle
  + USCG/ SOLAS signaling mirror
  + anti-seasickness pills
  + bailer
  + sponges (get as much water out as possible)
  + survival instructions
  + table of lifesaving signals
  + bellows
  + leak stoppers
* Use red leak stoppers to plug holes.
* Use repair kit (i.e. material, glue, scissor) for tears
* Reinflate with inflation valve.
* turn off the lights by inserting the pin into the slot in the battery pack on the arch tube
* Use signal flares only when help is in sight.